ISSN 0160 - 1989

FRENDX

RADIO VATICAN

D deutsch
I italiano
E español
H magyar
P português
F français
YU slovensko-hrvatski
esperanto

30 anni del SEGNALE INTERN

schedule of broadcasts

VATICAN

TO AMERICA
Portuguese 2300
Spanish 2330
0000
0030

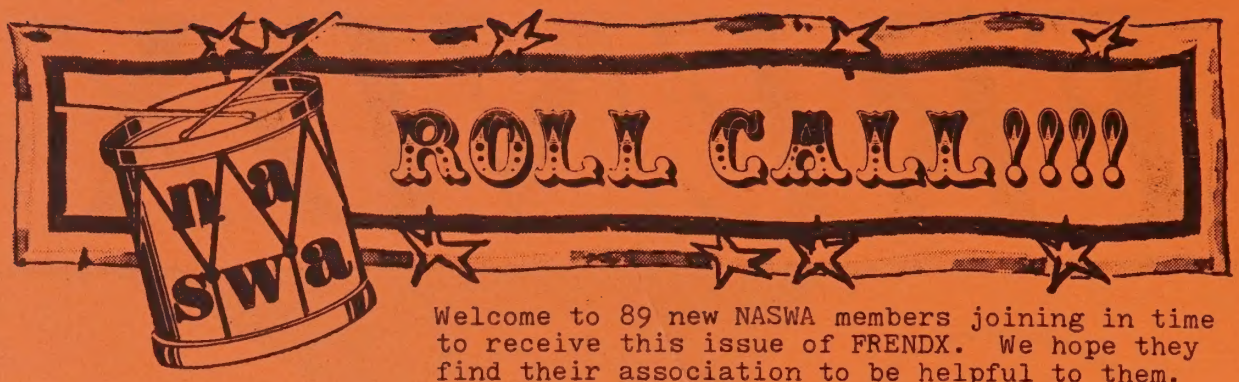
English for USA 0100
French 0115
TO ASIA
Arabic 1730
Chinese 2230
English 1515W
2210

Hindi, Tamil, Malayalam
Japanese
TO AUSTRALIA/NEW Z
English 1505W
2150c
2210

COMM: Italian 12
1330, English
GRAMME
1700

9615(234), 11725/15200(229)
9615(234), 11725/15200(229)
9615(266), 11800/15200(
5995/9605(294), 11800(
5995/9605(294), 118
5995/9605(294), 118
7250/9645(114)
1529(md)
9615(54), 117
11875/1516
(for India
9615(54
(for So
118
96

MAY 1979



Welcome to 89 new NASWA members joining in time to receive this issue of FRENDX. We hope they find their association to be helpful to them.

ALYEA, R. Monte, Belleville, Ont.
BAKER, Donald R., Millsboro, DE
BAKER, Richard R., Monroe, LA
BEAHM, Edward, Oak Ridge, TN
BECK, Robert A., Canton, OH
BISBEE, Roger, Sarasota, FL
BODNAR, Andrew P., Barberton, OH
BRAMSCHER, Robert G., Kenosha, WI
BURBANK, David T., St. Louis, MO
CLEASE, Sidney G.,Jr., Philadelphia
CONGER, Robert W., Oxnard, CA
COTTER, D.J., Farmington Hills, MI
COUGHLIN, Harold, Cohasset. MA
CUNNINGHAM, Michael, Harrisville, WV
DIDIZIAN, Thomas, New York
DOWNEY, Richard, Amsterdam, NY
DUNNAVANT, Edward L.,Brooklyn,NY
DUTCHESS, Charles L., Grand Rapids,MI
EWENSTEIN, Bruce, Bronx, NY
FELTON, Ronald K., Miami Beach, FL
FISCHER, SSGT Michael D.,APO New York
FOSSA, Alencar, Porto Alegre, Brazil
GIBBS, C.J., Camberley, England
GICKER, Jon, Nevada City, CA
GOLEMBIEWSKI, Patrick, Milwaukee, WI
GUILDER, Victor, San Anselmo, CA
HAGEN, Mr.& Mrs., Chloride, AZ
HART, David, Swanbourne, Australia
HILBORN, David, Oshawa, Ont.
HILLEGAS, John, Long Beach, CA
HILLERMAN, Eric, APO New York
HINTON, Jerry L., Sherman, TX
HUGHES, Eric, Moore, SC
IBRAHIM, Kamel, Toronto, Ont.
IRWIN, Vincent, West Hartford, CT
JACOBS, James T., Milwaukee, WI
JACOME, Jorge, Alburquerque, NM
JOHNSON, Bruce D., Schenectady, NY
KENLEY, Thomas L., Joliet, IL
KINGSLEY, Nathan, Washington, DC
KIRK, Jerry D., Tulsa, OK
KIRKNER, Michael, Sanger, CA
KLASEK, Terry A., St. Louis, MO
KLINGE, Jack C., Dallas, TX
KOENEMAN, Jack, Virginia Beach, VA
KRAUSE, Mark, Milwaukee, WI
KREMER, Joe, Wilmington, DE
KUENAST, Walter, Austin, TX
LARKE, R. Richard, Portland, CT
LARSSON, Tore, Falköping, Sweden
LEISEROWITZ, Mark, Houston,TX
LUND, Nancy E., St. Paul, MN
LUNDSTROM, Eric, Denver, CO
LYCAN, M.F., Langley, B.C.
McCAY, Dr. Albert H., Ellerton, FL
McIVOR, Donald D., Darien, CT
McWHERTER, Irv, Kensington, MD
MAHLMAN, Dr.R.W., Mt. Prospect, IL
MARKEL, Harry, Jr., Washington, DC
MARVIN, Brian, Campbellford, Ont.
MINOR, Donald E., Tempe, AZ
MURO, Ronald G., Scranton, PA
NEUMANN, Serge Peter, Indianapolis**
NEVELS, Daniel L., Rougon, LA
NIEHAUS, Karl F., Omaha, NE
NOREIKO, John J., Lyons, IL
OAKLEY, Marjorie A., Redondo Beach,CA
OTRHALEK, Mark, Dearborn, MI
PALMER, Arthur, Richmond, CA **
PELLETIER, J. Clarence, Madawaska,ME
PISHOTTA,Roland, Belleair Bluffs, FL
ROGOVIN, Richard, Ft. Lauderdale, FL
ROROBACK, Arthur E. III, Chatham, NY
SCHAUB, Steve, Lisle, IL
SCHRANK, Jeffrey, Palatine, IL
SEDGELEY, David, Littleton, CO
SHANKLE, Stephen, Albermarle, NC
SHOOP, N. Leonard, Harrisburg, PA
SMITH, Park E., Newport, PA
SOLMAN, Stan, Montreal, Que.
SPALDING, Robin, Berkeley, CA
SPRIGGS, Thurman, Virginia Beach, VA
STANTON, R.T., Fort Dix, NJ
STOUDER, W.H., Newton, IA
THOMPSON, Bill, Youngstown, OH
WALLS, Gregory A., Riverside, CA
WILCOX, Rodney, Ames, IA
ZIMMERMAN, Fred, Wynnewood, PA
ZUZZIO, Anthony, Jr., Orlando, FL

** Welcome back after a short absence.

* * * *

NASWA

A REPORT FROM HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.

MAY, 1979

DXING ACCORDING TO NASWA-IV: Some months ago, we mentioned that NASWA member Edward C. Shaw was busy at work updating his popular DXing handbook, "DXing According to NASWA". Since it was first published in November, 1975, hundreds of copies have been ordered by NASWA members as well as many non-members. We have been told by many that is has been a tremendous help in getting a better understanding of the hobby as well as answering many of questions which would have gone unanswered otherwise.

We are pleased to announce that the project has been completed, and that we now have the fourth revision and printing of this book available for immediate distribution. We do call to the attention of those who may have one of the earlier editions that this latest edition will contain much of the original text, however it has been updated wherever necessary. Some additional material has been added such as reviews of some of the more recent marketed receivers and other equipment now available. We do not want to give the impression that this new edition completely outdates the earlier editions.

Printing costs, like everything else, have risen since the last printing. Also, twelve additional pages have been added, so we have had to increase the selling price slightly for this edition, but we still feel that it is still an exceptional value. Please note the centerfold of this issue which outlines in detail what subjects are covered and ordering instructions.

Finally, we would like to acknowledge and thank Ed Shaw for his efforts and time in not only compiling the original version, but also having the interest in keeping this fine book current.

"LONG LIVE SHORTWAVE" is the title of a new recording devoted to DXing now available through NASWA HQ. This 52 minute cassette was produced and is narrated by Mitch Murray of Trans-Island Productions, Ltd., Isle of Man, British Isles. Mitch Murray is one of Great Britain's leading songwriters and record producers, as well as a life long shortwave enthusiast. This cassette covers features on receivers, antennas, propagation, QSL's, etc. How to identify satellites, RTTY, time, weather and other radio sounds are included along with a collection of over 30 station ID's and interval signals.

This cassette would be very helpful to those just getting started in the hobby or to use to introduce our hobby to those not already familiar with it.

We are arranging to import a limited number of cassettes which we can offer to the membership for $6.95 including postage and handling to North American members. Order now, do not delay since the supply will be limited.

NASWA MEMBERSHIP DIRECTORY: We repeat last months announcement that a directory of NASWA members is being planned which will list names and addresses of the membership as of June 1, 1979 and will be available to members only sometime thereafter.

We recognize that some may prefer to remain anonymous, so anyone not wanting his/her name and address listed, please drop a card to HQ to that effect, and your privacy will be honored.

LAST CALL FOR ANARC-79: This will be the last opportunity for us to again mention the Association of North American Radio Club's (ANARC) 1979 convention scheduled for June 22, 23, and 24, 1979 at the Radison Hotel in Minneapolis, Minnesota. The convention is open to everyone regardless of area of hobby interest or club affiliation.

Exhibits of DX clubs, radio stations, equipment manufacturers, as well as a full schedule of seminars and many other events have been planned. A number of DX personalities are expected to attend. There will be the annual DX awards banquet on Saturday night, which will be one of the main events.

Full information can still be obtained by sending a business size self addressed and stamped envelope to ANARC 1979 Convention, P.O. Box 14161, Minneapolis, MN 55414, or in Canada to 1979 ANARC Convention, P.O. Box 142, Thunder Bay, Ont. P7C 4V5.

shortwave CENTER

JERRY A. LINEBACK, Editor
P. O. Box 325
St. Joseph, Illinois 61873

MAY 1979

* *

TGNA

RADIO CULTURAL, RADIO STATION TGNA IN GUATEMALA

by James Smallwood, Highland Home, Alabama

Radio station TGNA is one of two of Guatemala's more popular stations on the shortwave bands which broadcast from Guatemala City, the nation's capital. The other, if you have not guessed already, is "La Voz del Pueblo", the national radio station operated by the Guatemalan government. In this article, I will attempt to tell you, the readers of Shortwave Center, a good bit of information about the former of the two stations, Radio TGNA.

Radio TGNA is one of the three religiously-oriented, or if you prefer, "missionary" radio stations broadcasting in Central America on shortwave at the present time. It is also known as a cultural radio station due to its cultural and educational programming, which includes bulletins of news, programs of secular and folk music, as well as scientific programs, some of which are carried in cooperation with the country's government.

This station operates as a great many other missionary radio stations (such as HCJB in Quito, Ecuador) do, this is on a strictly non-commercial basis, depending of gifts form interested listeners outside as well as inside of Guatemala. Radio TGNA was founded in August of 1950 by Mr. Harold Van Broekhaven of the Central American Mission (now known as CAM International) located in Dallas, Texas. The station was founded for the purpose of reaching the people of Central America and the Caribbean with the Gospel trhough radio, and now, 29 years later, the station still fulfills this purpose.

In more recent years, the station's ministry and operation has increased, for now, Radio TGNA is on the air for 21½ hours a day. Most of the broadcast day is concentrated on the Station's local Spanish-speaking audience (for 19½ hours a day). The remainder of the broadcast day is divided between the English-speaking audiences (1½ hours a day), and also to listeners of the three principal Indian dialects of Guatemala: These are Cackchiquel, Mam, and Kekchi (30 minuites a day).

Radio TGNA can be heard in Guatemala City and the local surrounding areas on AM and FM, while their shortwave frequencies cover all of Guatemala, southern Mexico, all of the rest of Central America and the Caribbean area, as well as parts of the southern United States. More distant reception is possible depending on propagation conditions. The station broadcasts with 10 kW of power on AM and SW, while their FM outlet is on air with 0.25 kW. On the mediumwave (AM) band they broadcast as TGN on 730 kHz; as TGN-FM on 100.8 MHz stereo, and on shortwave, the station broadcasts as TGNC on 3300 kHz, 90 metres, and as TGNA on 5955 kHz in the 49 metre band. At one time the station had yet a third shortwave frequency of 9505 kHz, 31 metres, but since then its 0.5 kW transmitter, due to technical and interference problems, is now out of service and has been so for quite some time.

The station is known by the above-mentioned call letters, but it is more commonly known by the slogan, "Radio Cultural", or else by their general name, Radio TGNA. It has been on the air currently from Monday to Saturday between 1100 and 0830 GMT, and also on the air Sunday from 1200 to 0830 GMT. The serious DXer can hear any one of Radio TGNA's shortwave frequencies, even with the simplest of radio receivers and antennas, usually when it signs on at 1100 GMT. If that is too early for you, then TGNA comes in with an excellent to good signal in the early and late evenings between 0000 and the 0830 GMT signoff. Radio TGNA is on the air in English from 0300 to 0430 GMT with its two daily religious programs, "Back to the Bible" and "Through the Bible" (each on for 30 minuites) between 0300 and 0400 GMT. This is really the best time for peak North American reception of the 90 metre band outlet. On 5955 kHz, later in the evening hours, after TGNA's English program portion has concluded, there is a late-night program featuring secular music between 0430 and 0830 GMT.

The studios of Radio TGNA are located on the first floor of a two story building that was built in 1974, on the 4th Avenue, 30-09, Zone 3, which is approximately in the middle of

Guatemala City. The main floor contains two studios, an on-the-air control room, an automatic programmer room, a transmitter room, and repair shop, as well as reception and counseling areas, offices for the radio-pastor and assistant manager, and tape and record library. It has been said that this library is the most complete classical music library in Guatemala. Eighty percent of Radio TGNA's programs are recorded to assure their high quality.

The first studio is conviently equipped to produce high quality stereo recordings with participation of large groups of people. It is built adequately for recording of video-tapes, although the station does not have the equipment for this purpose, some video-taping has been done, however, with rented equipment. The studio's array of musical instruments include a Yamaha Grand Piano, an organ, a vibra-harp, and a marimba (this being the national instrument of Guatemala). The studio also has a professional stereo Ampex recorder and two turntables; the console was designed and built at the station.

the second studio, however, is much smaller--it is monaural, used for recording small groups, containing two pianos (one small, the other large), some Ampex equipment and some home-built equipment. The on-the-air control room has a Collins console and 4 Viking stereo playbacks, along with two turntables, two cartridge, and one cassette playbacks, console, etc. The console and some of this equipment is home-built, and the control room can be moved to any of the other recording rooms for special occasions, live recordings, and remote control.

The automatic programmer room is just an extension of the above-mentioned on-the-air control room. The automatic programmer itself is also homebuilt. It has 5 stereo reel tape playbacks, including 4 Telex 230s and 1 cartridge playback. It is used 8 hours a day in different blocks, and is also capable of 4 consecutive hours of unattended operation. The transmitter room contains the home-built 250 watt FM transmitter which also serves as the link with the main transmitter site. It also has a communications system for remote control and a link system to join with the central government station (Radio Nacional de Guatemala, which was briefly mentioned at the beginning of this article) for special broadcast and also as stand-by equipment. All of these are home-built. There is also a shop, equipped for designing, building, testing, and repairing of equipment. Also there is an air-conditioning room, restrooms, and a small storage room for various uses.

The building's second floor houses TGNA's offices. There is a reception area, offices for the station manager and secretary, a counseling room, and an enormous conference room which has a capacity for 80 people. They also have an accounting office, a filing office, a literacy and program traffic office, a surveys and publications office, and a small counseling office as well as the Bible correspondence courses office. They have a mailing room, a store-room, a restroom, a small room for the night caretaker, and an equipment room. Last, but not certainly least, they have a room for the departmental director, a room currently vacant because they have no one to fill this position at the moment.

On top of the building the station has their 120 foot transmitter tower which has four FM circular antennas, with 8,000 watts ERP covering a radius of 30 kilometres, including Guatemala City itself and the surrounding areas. Also on the roof, there are three teletype reception antennas, some ham band antennas, and some special communications antennas.

As to its transmitter site, Radio TGNA has it located in the nearby town of San Miguel Petapa, about 20 km south of Guatemala City. This transmitter site has an area of approximately eight acres. The small one-story building at this site contains the 10 kW AM transmitter, a second 10 kW transmitter for the stations 90 metre band outlet, and a 0.5 kW transmitter for 49 metres. The building also includes some equipment for the link reception, control, and monitoring, as well as a storage room and a room for the caretaker. They have a 320 foot tall transmitter tower for AM (¼-wave), and two 100 foot high towers which are used to support the 49 and 90 metre band antennas.

The station is currently in the process of getting authorization from the government to move its transmitter site from their current location at Petapa to a mountain which faces Guatemala City. But at the same time, TGNA is in an exhaustive search for land, and there are two other possibilities at this time, but these are beyond their control at the moment.

Before I finish up my article, here is some advice which all DXers should be familiar with when it comes to radio stations such as TGNA, Radio Cultrual. That is, send them a reception report. They gratefully wish for reports on their signal and especially how well it is heard here in the United States. If these reports are correct in their details as to programming and the quality of reception, the station will verify with a QSL card. Send your reports in English to either one of the following station personell: Mr. Oscar Lopez,

the station manager (I would recommend him very highly), and Mr. Wayne Berger, the chief Engineer (who incidentally built the transmitters and most of the equipment used at the station). Return postage in the form of Guatemalan mint stamps or one or two IRCs would be extremely helpful, for the mail situation in Guatemala does not fare too well these days.

The Radio TGNA QSL card is a white postcard which depicts the Quetzal bird, the national bird of Guatemala, perched upon a microphone with the large letters TGNA at right along with general information on the front and back of the card. The Quetzal bird, by the way, does not survive when it is in captivity, hence it is the nation's symbol of liberty.

Before I conclude, I'd like to express my appreciation to two people without whose help this article would not be possible. Mr. Oscar Lopez helped me a great deal in regard to general information about the station and how it is run. And also Mr. Donald Rutledge (former TGNA station manager) of CAM International in Dallas, who helped me to become interested in Radio TGNA.

As for those in NASWA, if you haven't written Radio TGNA yet, then you should. It will be well worth the effort for either a report or just a simple letter. Their address is: Radio Cultrual TGNA, P. O. Box 601, Guatemala City, Guatemala, Central America. You will be glad that you wrote to them.

* *

Haiti

THE CURRENT HAITIAN BROADCAST SCENE

by Victor C. Jaar, B. P. 7606, Charlesbourg (Quebec) Canada, G1G 5W6

Several years ago, most stations in Port-au-Prince dropped shortwave in favor of higher power (by Haitian standards) on mediumwave, in most cases up to 10 kW. Now the trend is towards FM. WRTH 79 does not reflect the actual FM picture in Haiti. The major Port-au-Prince stations have an FM outlet - even stereo in a couple of cases.

Although not a reference in itself, it is interesting to note that the following Port-au-Prince stations are the only ones listed today in the local Telephone Book:

R. Caraïbes
R. Carillon
R. Haïti-Inter
R. Lumière
R. Métropole
R. Nationale
R. Nouveau-Monde
R. Port-au-Prince
R. 4VBM (R. MBC, formerly listed as 4VGM)

The following stations listed in WRTH 79 are believed to be silent:

R. Cacique
R. Pétion-Ville
R. Soliel
R. Progrès
La Voix du Peuple

R. Pétion-Ville is apparently a favorite of the people at WRTH, as it surfaces from time to time in their listings; it was already silent when I first arrived in Haiti in 1961 and most likely even during my former short visits in the late 50s!

I have not yet heard about R. Soleil, a new listing.

R. Citadelle is obviously located at Cap-Haïtien and not at Port-au-Prince as in WRTH. The only other Haitian station recently heard on shortwave, i.e. R. 4VEH, also broadcasts from Cap-Haitien in northern Haiti, not far from the Dominican border.

During a recent visit to Haiti, I went to see the people at 4VRD, R. Nationale, in their new building in downtown Port-au-Prince. As I had believed since RN was first reported on 6156 kHz, they told me that thay do not operate on shortwave. Radio Citadelle does relay Radio Nationale at 1100 and apparently at 0400 GMT as well. (RN relaying has also been reported earlier than 1100.) RN is still using 1080 kHz mediumwave plus two FM outlets, one of them stereo. Shortwave is still being planned for the future. Other plans include a TV station, "Television Nationale" - which operated once last year relaying the World Soccer Championships via satellite. Regular broadcasts are yet to come. The TV studios will be housed in a nice building, already built and located at Delmas, on the Port-au-Prince to Pétion-Ville road.

R. Nationalle currently broadcasts at 1000-0500 GMT on the following frequencies: MW 1080 kHz with 10 kW, and FM 102 Stereo, FM 105.1 Mono (new).

No exciting developments in the shortwave area are likely in the near future. It took RN several years to replace La Voix de la Révolution Duvaliériste on mediumwave after a very long silence. Shortwave operation on 5975 and 9545 has been planned for several years as well, but even test SW broadcasts are yet to come.

4VRD RADIO NATIONALE
1080 KHZ AM
102 MHZ FM
ONDES DECAMETRIQUES:
9545 KHZ BANDE 31M
5975 KHZ BANDE 49M

Further up-to-date information on Haitian stations is expected from several sources and these will be included in a future article.

* *

TOTAL SOLAR ECLIPSE REPORT

February 26, 1979

by Aaron Hywarren, UMDX, room 517
box 131, University Centre, Winnipeg
Canada R3T 2N2

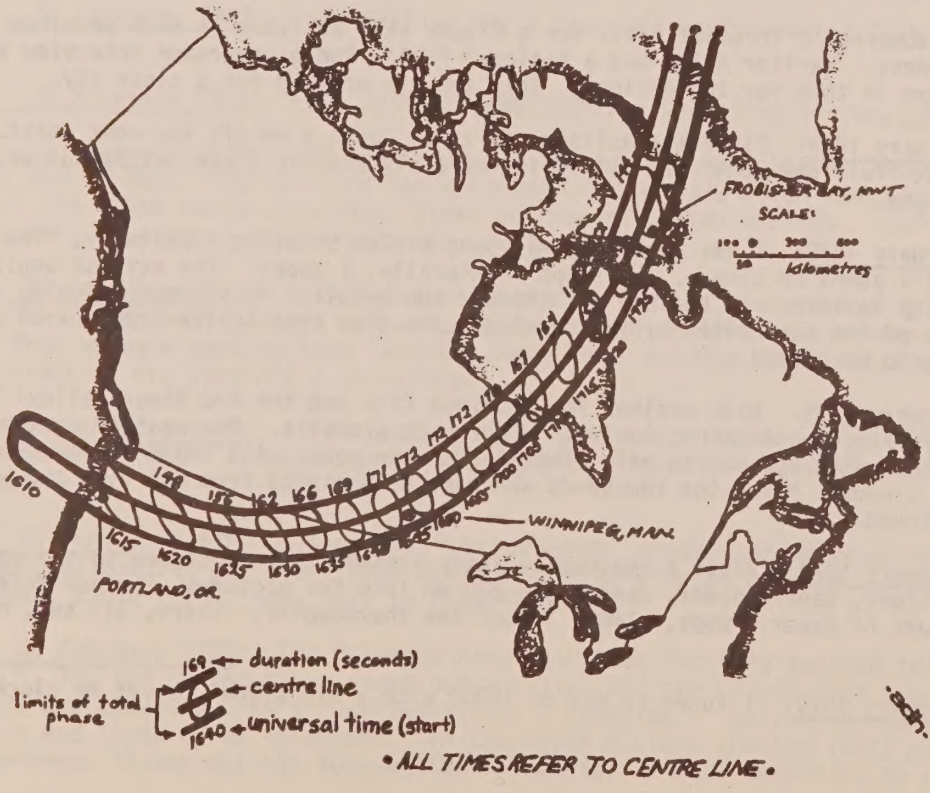
On Monday, 26 February 1979, the last total solar eclipse of this century for North America passed over the west coast, through central Canada and up into north-central Greenland. Fortunately, Winnipeg was within the 250 km wide band of totality and Manitoba was said to have the best viewing position of the eclipse. The University of Manitoba DX-SWL Club was lucky enough to observe this spectacle.

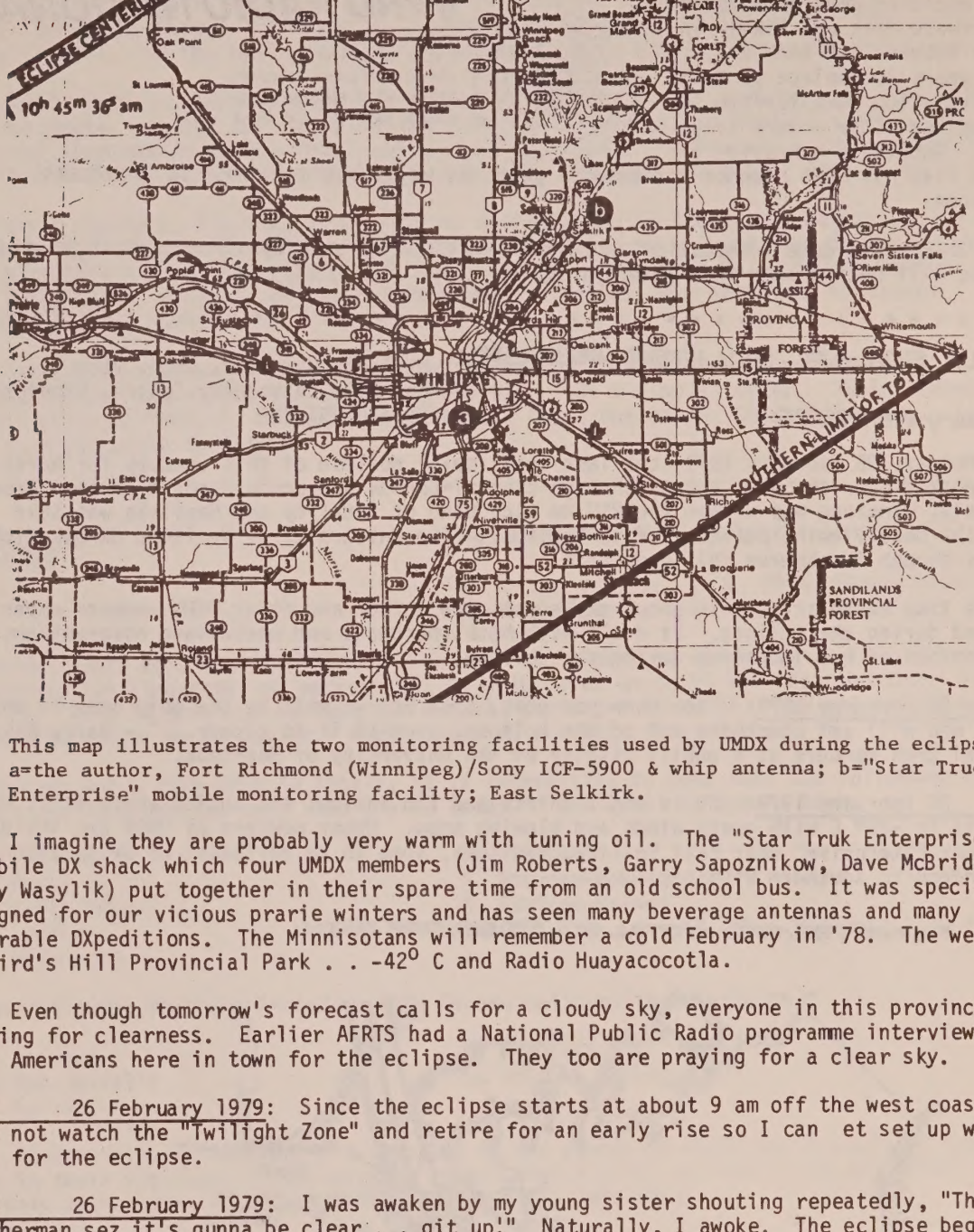
This time based article is about the events the author and other UMDX members experienced before and during the eclipse. It deals with both shortwave and mediumwave observations, and the happenings at two locations during the eclipse.

2030 24 February 1979: "You know you guys, I'll bet we will be the only ones in this province who will get something out of the eclipse, even if it is cloudy. ." - Barry Wasylik to several UMDX members at a public display at the University of Manitoba.

0230 26 February 1979: It is eight-thirty and I'm anxious and inside where it is warm. Outside it is -20° C with gusty winds and blowing snow. Other members of UMDX are inside the "Star Truck Enterprise" near East Selkirk, Manitoba, some 25 km northeast of my location of Fort Richmond in southern Winnipeg.

February 26, 1979 -TOTAL SOLAR ECLIPSE PATH-





This map illustrates the two monitoring facilities used by UMDX during the eclipse. a=the author, Fort Richmond (Winnipeg)/Sony ICF-5900 & whip antenna; b="Star Truck Enterprise" mobile monitoring facility; East Selkirk.

I imagine they are probably very warm with tuning oil. The "Star Truk Enterprise" is a mobile DX shack which four UMDX members (Jim Roberts, Garry Sapoznikow, Dave McBride, and Barry Wasylik) put together in their spare time from an old school bus. It was specially designed for our vicious prarie winters and has seen many beverage antennas and many memorable DXpeditions. The Minnisotans will remember a cold February in '78. The weekend at Bird's Hill Provincial Park . . -42° C and Radio Huayacocotla.

Even though tomorrow's forecast calls for a cloudy sky, everyone in this province is praying for clearness. Earlier AFRTS had a National Public Radio programme interview with some Americans here in town for the eclipse. They too are praying for a clear sky.

0500 26 February 1979: Since the eclipse starts at about 9 am off the west coast, I best not watch the "Twilight Zone" and retire for an early rise so I can et set up well in time for the eclipse.

1345 26 February 1979: I was awaken by my young sister shouting repeatedly, "The weatherman sez it's gunna be clear . . git up!" Naturally, I awoke. The eclipse begins in two hours, totality in three. I checked out the old sun myself. No sundogs (glowing spots seen on each side of the sun caused by ice crystal refraction high in the atmosphere) so I guess it is going to be clear.

1430 26 February 1979: 8:30 weather for Winnipeg City and the Red River Valley: "Mostly clear today, Temperatures near minus twelve." Lady Luck prevails. One weather system moved off, the other died and veered off. The clouds were gone. All there is now are very thin high Cirrus clouds. Maybe the thousands who came to Manitoba from all over the world won't be disappointed.

1500 26 February 1979: After a reasonably tasty breakfast, I proceeded to set up .. my Sony ICF-5900W, clock, taperecorder, camera and 270 mm lens for pictures, 2½ inch refractor telescope, and lots of paper. Oops, almost forgot the thermometer. There, all set, now to wait.

1518 26 February 1979: I tuned to WWV on 15000 with a big signal to set my clock and

and watch. "Solar flux 170, A-index 18, Boulder K-index 4. Solar activity will be moderate to unsettled . . . " Hmmm. The Corona should be nice.

1520 26 February 1979: I decided to tune SW. The following were heard between 1520 and 1530:

9560	JORDAN fair	11800	SRI LANKA good	15290	SPAIN poor
9570	QATAR fair	15009	VIET NAM fair	15300	UNID Arab station fair
9615	ETHIOPIA good	15084	IRAN good		

1536:20 26 February 1979: With half the neighborhood in my back yard, the eclipse began. Slowly the moon began to nibble out the sun at the one o'clock (upper right hand side) position. A weird sight. I was able to take glances at the partial phases with a pair of my 75¢ "Eclipse Visors" purchases from good old Kentucky Fried Chicken.

1600 26 February 1979: I'm getting cold. Called in for some hot tea which really hit the spot. Even though totality was a good 45 minuites away, the sky was already beginning to show signs of darkening, and shadows were slowly getting longer. At this time, I tuned to Sweden on 15240, Canada on 15325, and the VoA on 15195 to find these signals to have several long-delayed echoes. Tunisia on 15225 was also heard with poor modulation. Other than KGA in Spokane, Washington on 1510, the Star Truck Enterprise noted nothing different. However, KGA is rarely heard (if ever) here at this time.

1605 26 February 1979: East Selkirk (Star Truck Enterprise's location) noted weak and unidentified signals on 710, 730, 750, and 780.

1607 26 February 1979: East Selkirk has 710 improving and 1540 appearing with fair signals.

1610 26 February 1979: Totality has begun off the west coast. I tuned to WWV on 15000 only to find WWVH in Kekaha, Hawaii mixing with WWV. Using my KFC Eclipse Visor I noticed the sun half cone. East Selkirk has weak signals on 710 and 1190.

1620 26 February 1979: I tuned up to the VoA on 26040 to find it fading out for two seconds at four second intervals. They were noted earlier with normal reception. East Selkirk hears a time check and ID for WDSM in Superior, Wisconsin on 710.

1628 26 February 1979: East Selkirk has KZIA in Albuquerque, New Mexico with fair signals on 1580.

1630 26 February 1979: It is getting dark here. The temperature has dropped a degree in 15 minuites (see graph). Everybody here is buzzing. Soon totality will be here. I remembered Barry's comment of Saturday. By the looks of things, he's wrong. East Selkirk notes KXEL in Waterloo, Iowa, on 1540.

1631 26 February 1979: East Selkirk has a presumed monitoring of KWSL, Sioux City, Iowa, on 1470.

1633 26 February 1979: East Selkirk notes KRNY on 1460 from Kearney, Neb., with fair sig.

1635 26 February 1979: WWV has faded out leaving WWVH and JJY in Japan to pound in on 5, 10, and 15 MHz. East Selkirk has a strong UNID on 1320 which mentions that the eclipse would pass 150 miles north and would "clear up" around eleven o'clock. KOZY in Grand Rapids Minnesota is suspected to be the culprit.

1640 26 February 1979: East Selkirk notes that 710 has dropped down to a fair signal, as has 1470. KDKO in Littleton, Colorado, is tentative on 1510 with a very good signal. Comments from my back yard include "unreal, excellent, and Hey Mom, look, that guys got all sorts of stuff in his yard AND a telescope!"

1643 26 February 1979: It is getting quite dark. The few birds which were around have suddenly become silent. A local dog is not enjoying himself. The VoA on 26040 is now coming in very weakly.

1646 26 February 1979: Mysterious "shadow bands" appear and dance across the pure white snow at 3000 kilometres per hour (2000 mph) and are as wide as pencils. Scientists are not sure of their cause . . . "Geez this is unbelievable. . ."

1647 26 February 1979: The "diamond ring" and then the long awaited totality. "Oh this is unreal." The VoA on 26040 has faded out totally, and the clouds seem non-existant. People around here are cheering. "It's just beautiful. . stunning." Quickly I recorded the temperature and lined up my telescope. In the seven o'clock (bottom left) position a massive solar prominence flares out its tongue-like filaments. I then proceeded to click off pictures.

"So quiet yet so booming . . sort of a roaring silence." The Corona is sending out shimmering veins of silver light. The city's lights pop on. Venus and stars appear. A mysterious sunset appears all around the horizon, with vicious red, pink, and orange colours, like the shadow bands, unexplained. Words cannot illustrate the current happenings.

1649:16 26 February 1979: Two and a quarter minuites later, Bailey's Beads appear (sunlight flashing through irregularities on the moon's surface) then the colossal diamond ring flashes out. It's over. The shadow bands reappear and then quickly vanish as they speed northward. "Oh that was so magnificent . . " The VoA on 26040 slowly begins to fade in. That was totality.

1654 26 February 1979: East Selkirk notes Joplin Missouri's KQYX with fair signals on 1560

1655 26 February 1979: East Selkirk notes another UNID station. This one on 1600 was heard with Mutual News, possibly Carrington, N. Dakota, KDAK. Whoever it was faced out by 1700.

1658 26 February 1979: The Colorado station on 1510 has faded considerably. Was very strong at 1656, but is now very weak.

1700 26 February 1979: Things are lightening up and shadows are shrinking. Looking around the sky, I notice at least five vapour trails of research and private aircraft crisscrossing the sky. The birds have started to sing again and the city lights have been turned off.

1705 26 February 1979: Everybody has gone indoors and is watching replays on TV. I've been sitting outside for two hours and should be cold . . but I'm not. I don't know how anybody could be cold after seeing such a sight.

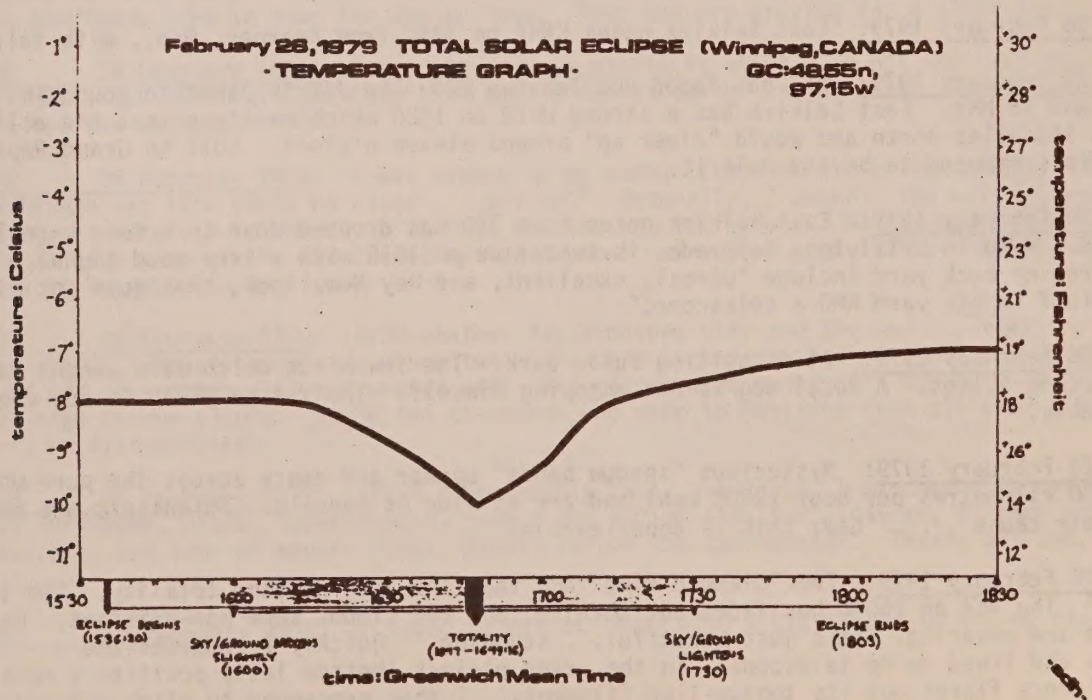
1715 26 February 1979: The VoA on 26040 has pretty well returned to normal as has WWV on 5, 10, and 15 MHz. Nothing exciting is happening on SW. . . just normal reception. East Selkirk reports normal Winnipeg daytime reception on AM.

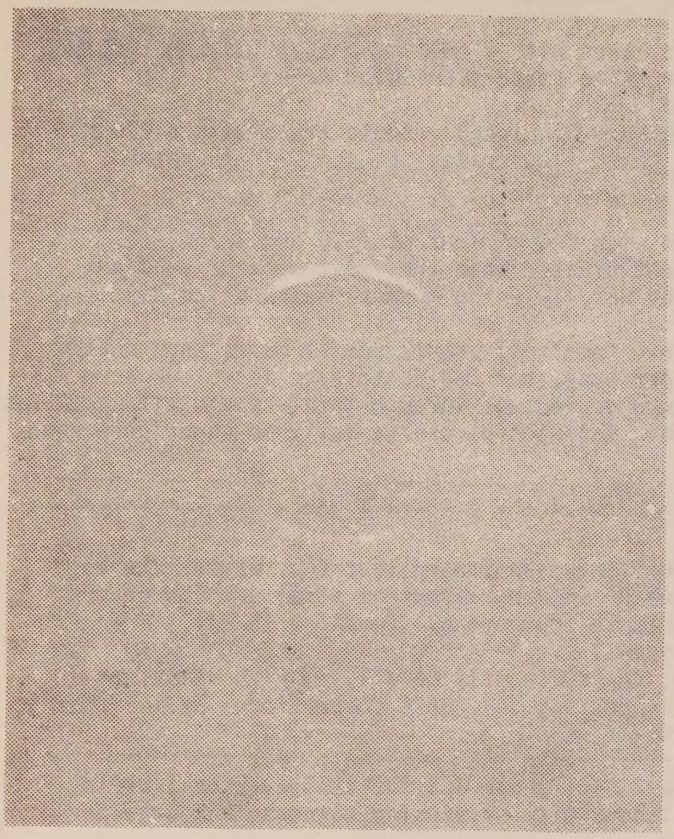
1730 26 February 1979: The sky and shadows have returned to normal.

1800 26 February 1979: Time has flown by and it's almost all over. Everyone is recollecting the day's previous events.

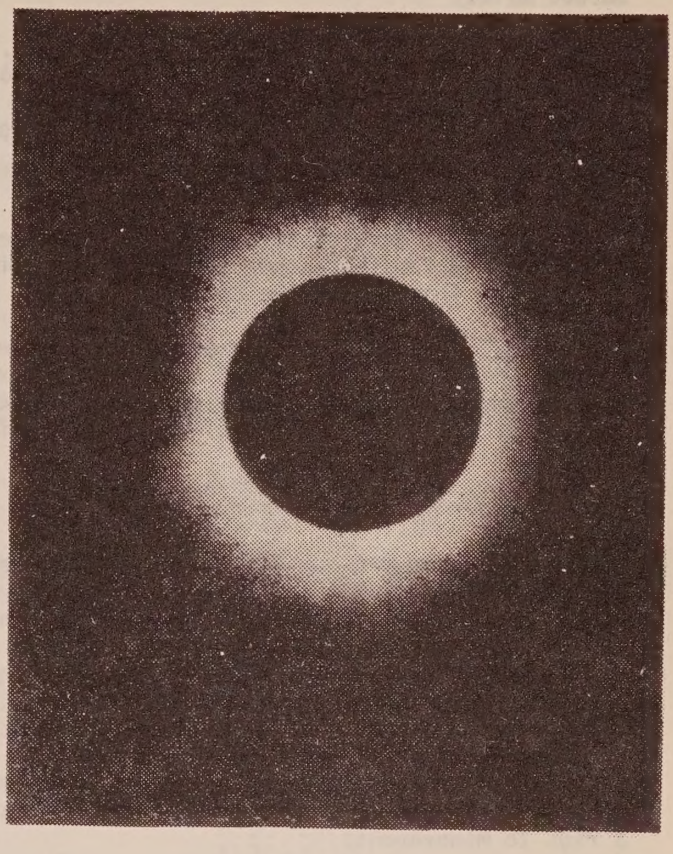
1803 26 February 1979: Putting on my KFC Visors for one last time, I watched the moon leave the sun. It's all over. What an experience.

And that was how the last total solar eclipse of this century for North America went. The following graph illustrates temperature changes during the eclipse.

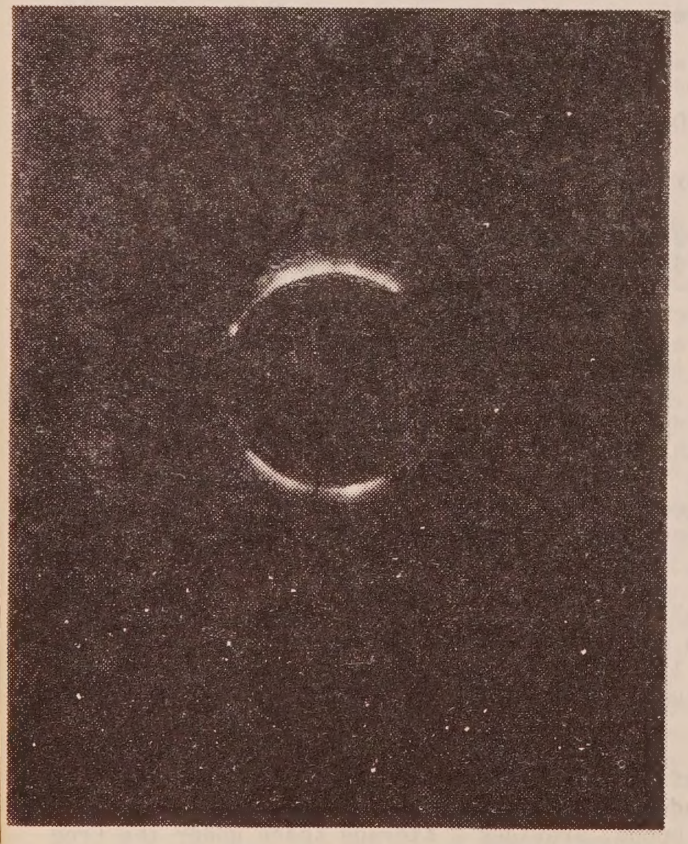

February 26,1979 TOTAL SOLAR ECLIPSE (Winnipeg,CANADA)
-TEMPERATURE GRAPH-
GC:48.55n, 97.15w
temperature:Celsius
temperature:Fahrenheit
-1° -2° -3° -4° -5° -6° -7° -8° -9° -10° -11°
30° 28° 27° 25° 23° 21° 19° 18° 16° 14° 12°
1530 1600 1630 1700 1730 1800 1830
ECLIPSE BEGINS (1536:20)
SKY/GROUND BRIGHTENS SLIGHTLY (1600)
TOTALITY (1647 - 1649:16)
SKY/GROUND LIGHTENS (1730)
ECLIPSE ENDS (1803)
time:Greenwich Mean Time



A.



B.



C.

D.

A. Photo by B. Wasylik, taken with a 600 mm lens at f11 and 1/125 sec. with a Nikon. Taken at Star Truck Enterprises' location at East Selkirk. Photo illustrates several solar prominences. The larger prominence in the 4 o'clock (lower right) position extends out some

30.000 miles.

B. Photo taken by B. Wasylik in East Selkirk. Taken with a 600 mm lens at f11 and 1/25 sec. Picture illustrates the sun's mid and outer Corona, a silvery coloured halo.

C. Photo by A. Hywarren, in Fort Richmond (southern Winnipeg). Photo taken with a 270 mm lens at f3.5 and 1/250 sec. Minolta SRT-202. Photo illustrates the sun's inner corona. Ektachrom 200 slide film.

D. Photo by B. Wasylik at East Selkirk. Taken with 600 mm lens at f5.6 and 1/250 sec. Photo illustrates spectacular diamond-ring effect created when the first spot of sunlight flashes out from behind the moon. All photos by Wasylik using Kodachrome 64 slide film.

All I can say to anyone who has never seen a total eclipse is you'll never know what you have missed. Words cannot describe the experience, nor can photos and film. We here at UMDX underestimated the eclipse and thought we could tune through totality, but it was impossible. An eclipse to a DXer (or anyone for that matter) can be quite an experience even if you don't tune.

* *

ANARC

The following individuals have indicated that they would like to arrange for rides to ANARC in June. You can still use the June issue of FRENDX to indicate your needs. Deadline 15 May.

Philip M. Wala, 202 Emerson St. Palo Alto, CA 94301, will be staying with relatives in Burnsville, Minnesota (just south of Minneapolis) during the ANARC convention. He is looking for a ride to and from the daily convention activities.

Floyd Jacobs, 600 Redwood, Noble, Oklahoma 73068 (phone 405-872-3255 evenings) would like to meet someone in the general area of Oklahoma City or passing through that area for a ride to Minneapolis.

Richard H. Miller, Jr., 4334 Wells St., Weirton, WV, 26062 (phone 304-748-2632) would like a ride to ANARC in June. He is located very near the intersection of Routes 2 and 22.

* *

FRG-7

NOTES ON THE FRG-7

by Syd Osterman, Toronto, Ont.

I have seen many improvements for the Frog, most involving work inside the box. The following basic ideas require none! The strength of the 25 metre band signals were much improved by using the Preselector on band C (4-11 MHz) rather than on Band D. The 11-12 MHz range can be covered at the end of the Preselector tuning for Band C. It would seem that there is a considerable peak in the alignment at the end of this band. Other units may differ in this respect, but try it anyway, since the increase in gain can be considerable.

Audio strength can be increased by plugging your headphones into the EXT. SPKR. socket at the back. The sound quality will also be sharper, due to the elimination of a resistor used with the front panel phone socket. I use the Radio Shack Duophones (stethoscope sytle) in this application. The plug should be changed to fit (minature), and wired for mono use. As well as having sharp voice reproduction, these phones do not reproduce low-level hum present in the FRG-7.

Shortwave signals that overload the Frog-7 can be reduced bu using the BCB antenna input for your SW antenna. A switch can be added to change the antenna input when required. Also, remember to try the DX-NORM-LOCAL switch when listening to DX close to an International powerhouse station. Often DX or LOCAL will give better reaults than the NORM position in this situation.

Lastly, ease of operation and reduction of operator fatigue can be achieved by placing a wedge shaped, rubber or plastic door stop under each front foot. This tilts the front panel to a convenient angle for use and, as a bonus, provides a storage space under the Frog for a log book, etc. Of course, you can use anything suitable to raise the front feet. I simply had a surplus of wedge shaped door stops.

PROPAGATION

David Snyder, President of BDXC
1137 E. 12th St.
Brooklyn, N.Y. 11230

This months column will have a prediction for May, indices for March and a small continuation of the discussion on basic propagation started last month.

Propagation Outlook for May 1979. Based on an average flux of 164.5.

MHZ	Europe	So. Amer.	Asia	Oceania	Africa	North America
2						0130-0400
3		0000-0230 0730-1000		1030-1230	0330-0400 2200-2330	0230-0300 1100-1200
4		0300-0500	1000-1300 2230-0130	1130-1200	0300-0600 1030-1200 2230-0030	0230-0400
5		1030-1130	2230-2300		2200-2300	0500-0630
6	0130-0200	1000-1100			0230-0300 0600-0630	1100-1300
7			1130-1200		0630-0700	
9		0300-0330 0930-1030	1130-1200 2200-0100		2030-2100	
11	1200-1230	0100-0130	0230-0300 0530-0600 1030-1200 2200-2230		0700-0730 1030-1100 1300-1400	
15		0100-0130	2130-0500 1200-1230	0330-0400 0630-0700	0400-0430 1130-1400 1830-1900 2130-2230	
17			0430-0500			
21	1630-1700					

Past Indices : Format - Date , Solar Flux Index, A index.

The A index is a measurement of the Geomagnetic Activity.

March 1979

3/1 172 7 3/2 174 12 3/3 176 9 3/4 184 20 3/5 186 -- 3/6 187 --
3/7 190 -- 3/8 181 -- 3/9 184 - 3/10 183 - 3/11 195 13 3/12 191 5
3/13 189 6 3/14 189 1 3/15 183 7 3/16 188 9 3/17 177 18 3/18 196 18
3/19 182 10 3/20 186 6 3/21 194 3 3/22 181 31 3/23 189 9 3/24 190 12
3/25 192 14 3/26 198 17 3/27 187 18 3/28 191 33 3/29 195 40 3/30 190 16
3/31 212 10 Average - 188.3

X-ray bursts - 3/1-3/3
Solar Flares - 3/12 (15), 3/13 (13), 3/14 (5), 3/15 (9), 3/16 (14), 3/17 (8), 3/18 (26), 3/20-3/25 (11), 3/26 (17), 3/27 (15), 3/28 (4), 3/29 (5), 3/30 (18), 3/31 (34)

Last month I left off with the signal in the ionosphere :

When a radio wave travels into the ionosphere the direction of the wave changes. The extent of this change is proportional to the density of the free electrons in the layer.(D, F1, F2, E are ionospheric layers). When the layer has enough of an electron density, the wave bends and eventually returns to the Earth. If not it will either be absorbed or travel out into space.

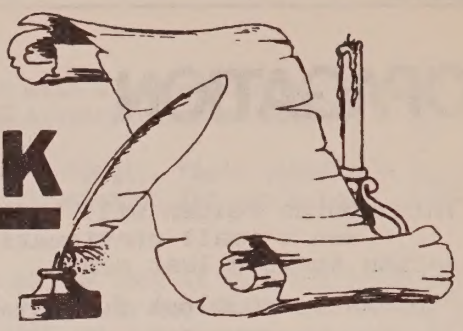
I would be happy to answer any question you might have about Propagation. For a personal reply please enclose a SASE. Every letter will be answered as soon as possible. If your letter or question is of interest it will be placed in the column and answered here.

Till next month 73's and Good DXing.

David Snyder.

THANKS TO OUR CONTRIBUTORS THIS MONTH. KEEP THE MATERIAL COMING.
73s till next time. JAL.

listeners NOTEBOOK



GLENN HAUSER
University Radio WUOT
Knoxville, TN 37916

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ENGLISH SCHEDULES

U S S R R. Moscow summer sked in effect as of 20/4. Before then, the WS daytimes to NAm suffered QRM on all main frequencies, 15150 Minsk 1100-1800, 15135 Vinnitsa/Voronezh 1100-1530, 11770 Kiev/Minsk 1100-2200. The QRM on 11770 comes from Soviet jamming intended for RFE Czech (UHN)CUBA LN-6;

U S A AFRTS noted week of 3/4 staying on 15430 after 1400 instead of switching to 15425. Reception lousy, squeezed by RFI and WYFR. (Louis Goldstein, MA) WYFR J79, subject to change because of the continuing move to Florida: Sundays ("weekends") 1230-1551 21525-F 17785-F. Weekdays: 1700-1800 17845-F 15440-F 21675-F 15110. 1800-1900 17845-F 15440-F 21675-F 15110 21525. 1900-2000 21675-F 17845-F 21525. 2000-2100 17845-F 11805-F 21525. 2100-2300 11805-F 17845-F. 0100-0500 5985 (WYFR)

UKOGBANI BBC WS J79 to NAm/CAm/NWSAm: 21710 1330-1600 & 2000-2245. 21550 1100-1330. 17840 -W 2000-2115. 17830-S (Sat/Sun 1500)1600-1709(Sat/Sun 1745). 15420 2115-2430. 15260-A 2000 -0230. 15215 1100-1330. 15070 2000-0330 & 0545-0915. 11955 0545-0915. 11910 2300-0430. 11775-W 1100-1130 & 1300-1330. 11775-S see 17830. 11750-F 1330-1600. 11750 2115-0030. 11750-K 0030-0330. 9590-S 2300-2430. 9580-A 2300-0330. 9510 2245-0430. 9510-W 0445-0915. 9510-S 1100-1330. 7325 2300-0330. 6195-W 0900-0915 & 1100-1330. 6175-W 2000-0730. 6120-S 2200-0330. 5975 0000-0730. Some other fqs of interest: 25650 0900-1615. 21710 0600-1830. 9410 0900-0730. W-Antigua. S-Sackville. A-Ascension.F-Singapore. K-Kreenville NC (BBC)

SWEDEN R. Sweden J79 to NAm: 1400-1430 21615. 2300-2330 15290 & 11705. 0030-0100 15290. 0230-0300 15290 & 11705 (STA) If QRM-free, that 15290 should be a winner (gh)

SWAZILAND Latest TWR sked extracts: 0440-0630 5055 & 9640. 0645-0835 9640 & 11910. 1200-1415 9640. 1530-1545 11920 (Mon only). 1630-1800 11910. 1800-1915 3200 (Wieden, Schweikert & Gröger, SCDX 3/4) Probably changed by now (gh)

SPAIN SFR including (alternative frequencies) 0005-0155 11880 9630 (11815 9550). 0515-0615 11880 9630 9360 (11815 9550). 2010-2110 11840 9505 (9580). 2110-2200 11840 9505 7275 (9580 7155) (REE via BBC MS 4/79) I've never known them to use EG on 9360, but BBC MS reports it from time to time; the 0505-0605 time given on BBC WRC 18/4 is not correct (gh)

SOUTH AFRICA SABC domestic EG service to SW Africa: 0358(Sat 0430, Sun 0500)-0615 & 1625-close down on 4835. 0620-1620 on 11790. All-night service R. South Africa 2200-0300 3980. Bilingual market reports and meat prices Mon-Fri 1605-1650 4880. Radio 5 0300-0545 & 1535-2200 3980. 0550-1530 9680. As noted last month, Springbok no longer sked on SW (SABC)

SEYCHELLES FEBA M79: 0400-0445 EAf 11805. 0700-0800 SAs 15160. 1515-1630 SAs 15325 11855. (FEBA via BBC MS 3/79) Perhaps changed by now (gh)

ROMANIA R. Bucharest to NAm 0130 & 0400 on 5990 6155 9570 9690 11840 11890 15225 (John Garner, RCI DX Digest 1/4) That 19m is new, I think (gh)

PORTUGAL RFE Czech service now has an English segment; first it was Fri 2150-2200 on 9670; but on 1/4 revised to daily 2050-2100 on 7255, 50 kW Glória xmtr (ADXN) Only one freq? (gh) R.Dif. Portuguêsa: ENAm 0300-0330 & WNAm 0500-0530 11935 & 6025 (Mondays last 10 mins in Esperanto as is the case with Sun 1700 and 2030 xmsns). 1400-1430 (not Sun) India 17880. 1600-1630 (not Sun) ME 17880. 1700-1720 Sun Af 17880 15340 9740. 1800-1830 (not Sun) Af 17880 15340. 2030-2100 Eu 9740 6025 (BBC MS 3/79) 21/4 2041 on 15125; "17895" not 17880(gh)

PAKISTAN R. Pakistan WS to UK 1700-1730 obs on 15465 ex-9465, //11677 (BBC MS 29/3)

NIGERIA On 1/4 VON introduced 'simultaneous BCs to various parts of the world'. Preliminary obs show on 15120 0450-0630, 0830-1000, 2030(?)-2200. 15185 also anc'd but not confirmed (BBC MS 5/4) 2100-2200 believed on 15120 11770 7275 (BBC MS 12/4) New 15315 at 0700 in late March (Howard Stephenson, Papua New Guinea, ADXN)

NETHERLANDS There are hardly any changes in RN's J79 sked compared to M79: 1430-1525, 11740 replaces 17855 from Madagascar to S&EAs (gh)

MONGOLIA R. Ulan-Bator sent this new sked: daily except Sundays 1220-1250 12070 9575; 1715-1745 15115 17785 (George J. Poppin, CA, 10/4)

MONACO TWR opens an hour earlier, 0625, on 9610 ex-7105 (Bob Padula, 18/3, ADXN) A regular seasonal change correlating more or less with DST in Europe (gh)

MALAYSIA To NAm at 0625-0855 on 9750 12350?? 15295 (best). I have my doubts about 12350. I believe they also use a 49m freq at these times (SPEEDX; Steve Webster, ODXA) Ahá--that must have been cribbed from my POPULAR ELECTRONICS listing, which no longer says "to North America " but "audible in", and this xmsn certainly is not intended for NAm. I listed 12350 because I have heard it on the second harmonic of 6175, which is much less likely to be heard in NAm at this hour (gh)

JAPAN LN-13

ISRAEL 25/3 IBA changed 21565 to 21495 at 0500-0515; 15540 to 17700 at 1200-1230 (BBC MS 29/3) Cf Apr LN-2, not 17565 after all. Also see Apr LN-2 for J79 sked (gh) 17605 ~~17700~~ (WRC)

INDONESIA RRI Sorong hrd Sat 1330-1350 on 4875 reading out listeners' reception reports, first in EG, then in Indonesian (Matthew Wilson, Victoria, R. Australia Japanese DX Time 8/4)

GUINEA R. Nationale's English service is on Mondays and Fridays 1830-1900 on 15310, as announced 13/4; has African news pgm (Kenneth Clark, Knoxville TN)

GUYANA LN-4

GRENADA R. Free Grenada stopped adhering to the schedule given in Apr LN around the first week of April--no longer heard on 15045, but 15104 was used longer hours, and 15370 still occasionally noted, e.g. 17/4 2315-2400*. I have yet to hear RFG on 15125 (gh) Logged at 2215-0100 on 15125 // 15370, and 15125 returning at 0115 (Edwin Diersman, Neth., SCDX 3/4)

GREECE ERT sked: ENAm 0015-0025 & WNAm 0215-0230 11730 9655 9515. Au 0915-0925 15160 9655. Japan 1015-1030 15325 11845. NAm 1215-1230 21655 17785 11730. NAm 1515-1530 21455 17830 11730. SAf & Rhodesia 1815-1830 17830 15345 11925. Eu 1920-1930 9530 7205 7125. Au 2115-2130 9760 9640 6140. SAm 2245-2300 9760 6140 (BBC MS 3/79 & 12/4) 15160 at 0915 puts in a beautiful signal here (S. David Klein, FL) Off the back (front?) path to Sydney cuts across the Caribbean (gh)

FINLAND R. Finland J79: Sun 0800-0930 11755 21495. Daily 0930-1000 11755 15270 6120 21495. 1300-1330 11755 15265 15400. Sun 1330-1430 11755 15265 15400. Daily 1430-1500 17785 15400 6120 11755. 1930-2000 11755 11835 15265. 2130-2200 11800 15270. 2330-2400 11800 15265. To NAm underlined (FIR) 17785 will conflict on Sundays with WYFR, cf LN-1 (gh)

FALKLAND FIBS on 2370 operates weekdays 2230-0200; Saturdays 2030-0200, using Stanley airport xmtr (Andreas ---, W. Germany, SCDX 17/4) ¿What about Sundays? (gh) Measured on 2369.7 0043-0131* (Dan Henderson, MD, Apr DSWCI SW News)

ECUADOR HCJB J79: NAm 1200-1600 15115. 1200-1430 11740. 1300-1600 17890. 0030-0700 11915 & 9745. 0030-0200 15115. 0500-0700 6095. SAm 1200-1600 15115. Eur 1700-1800 21480 17765. 1900-2000 21480 17790 15295. 2130-2200 21480 17790 15295. 0700-0830 11835 15170. SPac 0600-1130 11900 6130. 0700-1030 9745 (HCJB)

CHILE LVCH obs in EG on new 17800 0200-0230 (Peter Bunn;) 0400-0430 11890 (Chris Hambly;) 1100-1130 15110 (George Graham, all R. Australia Japanese DX Time 25/3)

CANADA LN-13

BRAZIL On 16/4 Radiobrás added two more EG hours: Eu 2000-2100 15270, Af 2100-2200 15280 (Jay Novello, Jerry Pacuch, Roger Reini, Page Pyne, gh) Oblivious of VOA and KGEI already on these frequencies! (gh)

BOLIVIA La Cruz del Sur noted Sun 0030 with EG religious pgm, QRM from La Voz del Norte, Colombia; 4875 (Kenneth Clark, TN) WRTVH 79 has EG sked at 0130-0200, daily (gh)

BELGIUM BRT 1/4 introduced new freqs supposedly effective thru 30/9 NAm 0015-0100 11705; SAm 15190; Af &NEu 1610-1700 21475 17740 (BRT) Everybody and his brother already on 11705, and the Brazilian on 15190, but at least off those awful 6080 and 9685 fqs! (gh) As of 13/4 11705 replaced by 11715, a good frequency (Robert C. Batson, Kansas City KS; John S. Sterling, Lancaster SC) Yes, a quantum leap in North American audibility, tho modulation poor (gh) On 17745, not 17740, at 1610 7/4 (Bob Zilmer, WI, SPEEDXGRAM) Always moving around (gh)

BANGLADESH R. Bangladesh on new 15285 1230-1300; previously had experimented with 15375, 15340 before settling on 15285 (R. Australia Japanese DX Time 1/4)

AUSTRIA LN-11, 13

AUSTRALIA ABC Perth amended sked: VLW6 6140 10 kW 2200-0100, 0941-1602 (Su *2130); VLW9 on 9610 10 KW 2100-0955 (Su *2130); VLW9 9610 55 kW 1000-1602; VLW15 15425 55 kW 2300-0941 (Robert Chester, SA, ADXN) R. Australia finally listed full sked for "Calling Antarctica" in M79 program guide: Fridays only 0300 on 15260; 0400 on 15240; 0915 on 6045 (gh)

UNIDENTIFIED

6612a pgm on SSB just below VOLMET stn around 0200 23/4 seemed to ID as "R. Centro, Arecibo, Puerto Rico" (1280 MW stn) (Mike McCollam, Indianapolis IN) Mike suggested 6601, but I had a trace of it here, also 24/4 (gh) 4755 big signal 14/4 and other days 2145-2300* no anmts, just C&W/calypso/hilife/gospel songs in EG, vernacs, none in FR; first hrd 5/4. Any ideas? Maybe RVOG at new site? AWR-Liberia?? (Syd Osterman, Ont.) Verrry interesting; on 23/4 check I hrd a hefty OC to around 2300* (gh)

OTHER SCHEDULES

VIETNAM New stn Cao Bang Broadcasting Station, obs since around 15/3 at *1330-1515*. First on 6919 kHz, moving to 6925 around 20/3, then 6922 to 6933 kHz. Currently as strong as Bac Thai! So on 6928v: 0230-0330 (announced, not confirmed), *1330-1430 own pgm in Viet, 1430-1515* relay Viet 1st pgm. Cao Lang province probably early this year has been split into two provinces, Cao Bang and Lang Son. Since mid-Mar, R. Bac Thai moved from 6880v to 6925v, formerly sked *1200-1400* but 12/3 hrd to 1500* relaying Hanoi 1st pgm 1400-1500; since 14/3 sked changed to *1030-1325* as follows: *1030-1100 "ca nhac", own Viet pgm; 1100-1200 relay Hanoi Viet pgm 1; 1200-1230 own Viet pgm; 1230-1300 minority lang, or bilingual with Viet; 1300-1325* own Viet pgm. It is the first time ever the stn carried Hanoi's first pgm. Late March, moving from 6916 to 6936 kHz (Isao Ugusa, New Far Eastern DX Review 2/4) Phu Khanh regional radio service recently obs on 5139 at 1030-1500 (BBC MS 29/3) UKOGBANI LN-13

U S S R R. Alma Ata currently audible in ENAm on 9780 and 11950 at *0000 (Roger Legge, UHN) Hrd in Europe also on 4545, 5035, 5260, 5960 (Paul Karagianis, England, UHN) Minsk 9795 relays Moscow to 1930, ID as Minsk at 1930, then own pgm. Krasnoyarsk 5290 relays Moscow to 2340, then local pgms in Russian 2340-2405. Tyumen 4520 relays Moscow 1st pgm to 0200, IDs and gives pgm previews 0200-0004 (sic) (Paul Karagianis, England, UHN) (UHN:)

USSR listings in J79 IFRB sked do not appear to fully take into account the higher sunspot numbers and the WS expansion, so actual usage may be somewhat different from these listings of interesting nominal sites: 21745 Frunze 0730-1130. 21725 Tashkent 1030-1530. 21680 Baku 0700-1500. 21635 Kalinin 0530-1230. 21585 Dushanbe 0900-1530. 21505 Yerevan 1000-1400. 17850 Alma Ata 0930-1330. 17765 Dushanbe 1000-1530. 17740 Ashkhabad 0900-1530. 15220 Dushanbe 0030-1130. 15195 Ashkhabad 2200-0100. 15155 Dushanbe 1200-1430. 11970 Kharkov 1900-2130. 11950 Kharkov 1730-2230, 2300-0430. 11930 Ashkhabad 1800-2130 & 2130-0400. 11920 Baku 1830-2130 & 2200-0430. 11900 Dushanbe 1000-1600 & 1730-2000. 11725 Vologda 1230-2100.

U S A KGEI sked: SP LAm 2200-0400 15280, 0400-1400 9615, both 50 kW. JP to Japan 0800-0900 9555; Mandarin to China 1000-1100 9600; RS to Siberia 1100-1300 9690, all 250 kW (KGEI 4/79)

SPAIN REE Sp to Americas & Atlantic, alternate fqs parenthesized: 0000-0200 11845 11775 9530 9360 (11925 9725 9520). 0200-0400 11945 11880 11775 9630 9530 9360 (11925 11815 9725 9550 9520). 0400-0515 11880 11775 9630 9360 6065 (9725 9550 6120). 0900-1000 17735 15395 11920 11730 9570 9520 7105 (17870 15330 11890 9530). 1400-2005 Sun 17720 15185 11815 (17865 15365 15125). 1630-1730 15330 15290 11830 11810 9695-not Sun (11930 11785 9600). 2145-2245 11880 9630 9550 (11815). 2245-2400 11945 11880 11775 9630 9530 9360 (11925 11815 9725 9550 9520). Some of the fqs given are beamed to other areas (REE via BBC MS 4/79) 11845 at 0000 is probably a typo for 11945 (gh)

SOUTH AFRICA SAUK sked as from 1/4, 100 kW to SW Afrika & NW Cape: 0358(Sat 0427, Sun 0457) -0620 4880. 0625-1550 11885. 1555-closing 4880. 0348(Sat 0427, Sun 0457)-0520 3955. 0525-1750 9560. 1755-closing 3955 (SAUK)

SA'UDI ARABIA BSKSA Riyadh DS in AR on SW obs: 0300-0500 11950 9720 7220 5877. 0500-0730 17760 15060 11950 11870 9720 7220 5877. 0730-1000 17760 15060 11950 11870 9720 7220 and these on Fri only: 11950 9720 7220 5877. 1000-1500 21590 15060 11950 11870 9720 7220 5877. 1500-2300 15060 11950 9720 7220 6080 5877 (BBC MS 12/4)

PORTUGAL A relay of the PT DS Natl Pgm to Azores & Madeira is on 11925 at 0730-1900; 6155 at 1900-0100 (BBC MS 3/79) 11925 sometimes audible on 2nd harmonic, 23850 (gh)

MOROCCO RTVM M79 SW sked in AR: 100 kW xmtr: 1000-1700 15335 CEu, 1700-2200 15160 WAf, 2200-0100 6170 bidirectional 33/213°. 50 kW xmtr: 1000-1800 15360 WEu, 1800-2000 9540 to Mauritania, 2000-2400 6100 bi-directional 10/180°. 50 kW xmtr: 1100-2000 ME 21730, 2000-0100 NAf 21735, both on 78° beam (via George Poppin, CA)

MADAGASCAR R. Nederland already reported testing on 25645 or 25650, and for J79 a new transmission time from this site is added: daily 0730-0820 Dutch to SEAs/ME on 25650 and 21480, joined Sundays only by 6045 from Lopik, other days it being part of simultaneous Dutch xmsn to Eu/Af. I predict that under optimum condx, this 11mb xmsn may be audible in the middle of the NAm night. Note that BBC WS (UK) also sked on 25650, from 0900 (gh)

LIBYA Latest SPLAJBC sked, in AR: 1100-1700 9650 15300. 1100-1500 & 1700-2200 11700. 1700-2200 9660. 1530-2000 7200 (R. Australia Japanese DX Time 15/4)

LEBANON (Cf Apr LN-4) R. Lebanon now on 17710 to SAm: PT 2300-2330, AR 2330-0015, SP 0015-0115. Ending the PT BC, ancr always says "till tomorrow, if possible", a rather strange ending (Robert Levinstein, Spain, SCDX 13/3) In Lebanon, a realistic ending (gh)

KUWAIT R. Kuwait DS in AR on SW: 0400-0735 11940 7120. 0815-0945 21605 17725 9505. 0945-1510 21685 21605 17725 9505. 1600-1800 11940 9840 6055. 1800-1830 9840 6055. 1830-1910 11990 9840 6055. 1910-2110 11990 6055. Also continuously on MW 1134 & 540 at 0225-2215 (BBC MS 12/4)

KOREA SOUTH (Cf Apr LN-8) Per R. Korea 10/78 sked, on 15570 at 0830-0900 in AR, and 0900-1100 in KO they have a service to the ME (Bill Harms, UT) ITALY; ISRAEL LN-13

INDONESIA Per official sked, RRI Banjarmasin: 2200-0100 3250, 0400-0700 5970, 0900-1500 3250 (Takehara, IDXR) to 1520v* after Jakarta news relay (S. Wakisaka, IDXR ed.) Official sked of RRI Nabire on 5976 & 6150(?), 2058(Sun 2158-0500)-2300, 0258-0500, 0758-1400 (Wakisaka, IDXR)

RRI Wanagna official sked is 0800-1230, 500 W on 4865, hrd on 4866a (Takehara, IDXR) Not listed in WRTVH 79, but in 78 on 5040 with 50 watts. Don't confuse with Brunei in Malay on 4864 (Wakisaka, IDXR) RKPD Tkt I Jawa Timur, ca. 1000 W, crystal for 3305, sked 2230-0030, 1000-1530, but tech op says they were using 3050v until mid-April. RKPDK Daerah Tkt II Nganjuk, 300 W on "4.15 MHz", obs on 4164a, sked weekdays 2300-0300, 0500-0700, 1000-1600; holiday 0000-0600, 1000-1600. RPKD Tkt II Blitar official sked 2250-0100 & 0950-1600 on 73.17m (4087 kHz), and 0130-0730 on 122m, unlisted (Takehara, IDXR) 8-EH, R. Institut Teknologi Bandung, 1800 W on xtal controlled 6012 with unbalanced dipole antenna, sked M/W/F/Sat 0825-1130; Tue/Thu 0000-0300 & 0825-1130; Sun 2325-0400 & 0825-1130 (Takehara & Wakisaka, IDXR 7/4) Cf LN-6

GUYANA QSL from GBS verifying 3290 hrd 15 months ago no longer lists that fq, but 10 kW on 5950, mainly in EG, but some pgms in Arabic and "India" (presumably Hindi), sked 0755-0250 on MW, but 5950 sked s/on as 1100, must be changed since I have heard from 0800. "The SW svc is intended for listeners in the interior of Guyana, not served by our MW xmtrs" (Syd Osterman)

GERMANY WEST Since the end of Feb, Bayerischer Rundfunk testing on 6085 with 100 kW VOA München-Ismaning xmtr 0655-1630 (Volker Knütel, Buchholz/Sprötze, W. Germany, SCDX 27/3)

ECUADOR HCJB J79 in SP: NAm 1230-1600 11910. 1600-2130 15160. 0130-0500 11960. 0300-0500 15295. SAm 1030-1230 11910. 1030-1600 9765. 1600-2130 15160. 2230-0500 11960. 0130-0300 15295. Regional 1030-2130 & 2230-0500 6050 (Sat & Sun 1630-1700 is Quechua) (HCJB, 6/4)

CHINA Peking's external broadcasts to Taiwan, 2000-0610(Sun 0700), 0830-1900, in Std. Chinese, Amoy, Hakka: 15880 0030-0610. 15710 2330-0610 & 0830-1000. 11100 2301-0610 & 0830-1400. 9170 2200-0610 & 0830-1250. 6790 2000-0020 & 0830-1900. 5125 2000-2320 & 1001-1900. 4770 2000-2300 & 1401-1900. 3930 2000-2200 & 1259-1900. 3360 2000-0130 & 1000-1900; relayed by PLA Fujian Front Station 2100-2115, 0500-0515, 1200-1215, 1500-1515, 1600-1700 (BBC MS 3/79)
PLA Fujian Front Station, to offshore islands & Taiwan, in Std. Chinese & Amoy: Net One: 1000-0500: 7850 1000-1258 & 0000-0500. 6765 1000-1258 & 2314-0500. 5900 1000-1359 & 0000-0500. 5265 1000-1444 & 2313-0500. 5240 1000-1444 & 2234-0500. 4330 1259-2400. 4045 1000-0114. 3640 1445-2312. 3535 1445-2233. 3000 1400-2400. 2490 1259-2313. Net Two 0400-2100: 8195 7280 0400-1130. 7025 & 6400 0400-1200. 6000 0400-1429. 5770 0400-1000. 5170 0400-1524. 4840 & 4380 0400-2100. 4130 1001-2100. 3900 1201-2100. 3400 & 3200 1131-2100. 3300 1201-2100. 2600 1430-2100. 2430 1525-2100 (BBC MS 3/79) Maybe changed by now (gh)

ARGENTINA R. Provincia de Santa Cruz, in the Argentine Antarctic, LU14 on 780 kHz MW, also uses SW links on 3245 and 6080 shared with other stns, Mon-Fri to 0500, Sat/Sun to 0700. The 80-meter band freq (sic) of 3245 has been hrd in South Africa (Néstor Rubio, R. Nederland Espacio DX-ista 21/4) This is at Río Gallegos, at the southern tip of mainland Argentina, not in the Antarctic, well north of the Antarctic Circle, at about the latitude of Falkland Islands--oops, Malvinas (gh)

ANDORRA (Cf Apr LN-5) Per Roy Sandgren, R. Skandinavia starting in May will be on the air every first Sunday of the month 2000-2030 on 6215; language unknown, but a DX pgm may be included ("PA" in R. Viking DX World, 20/3)

ALBANIA R. Tirana ES in Std. Chinese now obs: 0500-0600 14320 11950. 1100-1200 14270 11950 1300-1400 11950 (BBC MS 12/4) I wonder if they check 7160 & 7135 to see if those 14 MHz fqs are actually harmonics (gh)

MISCELÁNEA RADIAL

VENEZUELA WRTVH stn 65) R. Occidente, Tovar, is active on 9750 with 1 kW (Tor-Henrik Ekblom, Apr DSWCI LA News) Must be the stn I heard daytimes in March in the Dominican Republic (gh) cf COLOMBIA, LN-6

U S S R Lots of Soviet harmonics and feeders hrd past month on higher freqs: 30925, unID lang but RM IS at 1659 14/4, 5 x 6185. 30300 RMWS 13/4 to 1500* 2 x 15150. 29680 RMWS 14/4 1701, 4 x 7420. 29160 RMWS 18/4 1422, 3 x 9720. 29085 distorted speech jammer, 14/4 1708, ID on MCW as "7M", 3 x 9695. 26450 tent. in RS w/mostly mx 1500 14/4, most likely 5 x 5290 Krasnoyarsk. 25655 & 25622 speech/grind jammer 1417 18/4, ID on MCW as "CB", seemingly parasitics to different-sounding jammer vs. Israel 25640. These could bother BBC on 25650 now. 24140 Russian at 1414 18/4, 2 x 12070. 22205 (not 22210 as reported in Apr LN!) Mayak 1225 30/3, not a harmonic and not SSB. 20280 Mayak IS 1329 15/4 on SSB (gh) 19160, 2 x 9580 and 19060, 2 x 9530 at 0110 13/3; 19160 was in EG (Andrew Blumberg, NY) more LN-13

U S A 29775, VOA in EG 31/3 at 1355--takes some getting used to such early virtually VHF openings from the west, as this must be California site, 5 x 5955, which was detectable only as a carrier at this hour, tho the 29775 signal was improving. 20125 VOA SP feeder on SSB 1335 15/4, feature on astronomy // 21610 (gh)

UKOGBANI BBC feeder on new 26440, strong on ISB 15/4, 1310 EG on one SB, FR on other; still in at 1510 with two different EG pgms; to Ascension; bodes well for 25650 reception (gh)

UGANDA (Cf Apr LN-10) Correction, UBC I should have said was off the mornings of 23/3, 24/3 and 25/3, then on the air 26/3, and missing again 27/3 and thereafter (Dave Walcutt, TX) Idi was reported to be in the Soroti area, location of the 15325 250 kW xmtr (gh) Per UBC's 0000 12/4 newscast, Amin is now using a portable xmtr in eastern Uganda. This would be the unit he bought from Marconi in Britain (C. M. Stanbury 11/4)

TURKEY R. Hakkari hrd on 7650 1555 18/3, 4 pips on hour, nx, songs (Barraclough, Eng, WDXC)

TANZANIA R. Tanzania, listed as Swahili Commercial Svc, hrd instead with several clear IDs as "External Service of R. Tanzania" on 5050 24/3, perhaps Sat only?, 0330 past 0400 (Cedric J. Marshall, Ont., ODXA)

SWITZERLAND SRI will be 100% speech-processed as of this Tuesday (Merry-Go-Round 14/4) That means clearer, stronger modulation without actually increasing power; formerly used on certain frequencies, now apparently on all (gh)

SRI LANKA A series of 13 test broadcasts to SEAs expected to commence from SLBC in April, in the Malay lang, part of AWR-Asia's international outreach. Specially stamped test broadcast QSLs will be available, from AWR, Box 15, Poona, India (AWR) No sked given (gh)

SPAIN Vacationing at the Playa de Pals beach near Barcelona, I was right next to a mile-long antenna used by Radio Liberty. This was the only location I could hear around 300 kHz, a slightly slower 'woodpecker' (or pulser) than the ones from the USSR on HF. Could it be that the Americans are using this facility for over-the-horizon radar? (Bob Zanotti, Swiss SW Merry-Go-Round, 14/4)

SINGAPORE The BBC Singapore (Kranji) site is now fully operational and Tebrau, MALAYSIA, has been closed (Arthur Cushen, R. Ned. DX Juke Box 5/4) The Far Eastern Station has been completely moved to Kranji as of 19/3. The new site is much smaller than the old one; 19 antennas on 30 acres of land reclaimed from the sea. This is the first time BBC has used wideband antennas, and coverage is somewhat reduced (Keith Edwards, BBC Supt. Engr., WRC 18/4)

SA'UDI ARABIA Riyad radio reported 20/3 the results of a meeting which decided that the Holy Qur'an station's service area would be increased and hours extended to 0400-2100, and relaying news from gen'l svc at 1130, 1800, 2000 (BBC MS 29/3) BSKSA hrd in AR on 13810 around 0730 // 15060, and 2100-2200 (Andrea Sella, Kenya, and Francisco Martínez y Martínez, Spain, SCDX 20/3)

PORTUGAL RP on new 11875, 0230 SP, tubular bells, anthem, ex-11935. Jammer QRM (Novello NY/ 23/3)

POLAND Fifth harmonic of PR 1260 kHz hrd regularly for several weeks, becoming stronger and stronger in Denmark on 6300 (Oscar Hansson, Viborg, R. Viking DX World 13/3)

PHILIPPINES LN-13

PAKISTAN R. Pakistan at 1130-1200* moved from 21485 to 21445, 5 kHz into the ham band (Bob Zilmer, WI, SPEEDXGRAM)

NIGERIA For technical reasons, the 10 kW Kaduna xmtr on 6090 and 9570 is no longer in use, but the 250 kW xmtr is being used on 6090 (a Turku, Finland, reporter to SCDX 17/4)

NEW HEBRIDES YJB4, R. Vila is now using 3245 kHz (Jürgen Blum, W. Germany, SCDX 3/4) WRTH lists 3945 as before; I wonder if this is merely a typo. Why didn't Blum give his source? (gh) Monitored on 3945 around 0630 21/12/78 (Steve Webster, CMS Telegram) By the way, there is a PNG station listed on 3245 (gh)

MEXICO (Cf Apr LR-B-4) Current info suggests that "R. Educación" is a programme title and not the ID and that this is La Voz del Maestro re-activated (Gordon Darling, WDXC MM) After some experiments on SW, R. Educación began regular programming on 6185 8/2, with 1 kW // 10 kW MW on 1060; sked on both is 1200-0700. Reports on both freqs wanted, V. by letter. It is the same facility as La Voz del Maestro which had been inactive for 2 or 3 years. Address is R. Educación, Ángel Uraza 622, Colonia del Valle, México 12, D.F. (Jesús Martínez Miranda, México 9, R. Nederland Espacio DX-ista 3/3) So it is LVM reactivated, but as I previously reported under the new name R. Educación, not merely a program title (gh)

MALAYSIA above

KOREA NORTH Pyongyang hrd on 31250, 5 x 6250, in Korean HS at 0350 (Bob Padula, ADXN)

KENYA Nairobi hrd in EG on 29000, a great harmonic, 3 x 9666, 1200 past 1230 (Victor Goonetilleke, Sri Lanka, UADX 30/2)

KAMPUCHEA Voice of Kampuchean People hrd nightly late in March on 6093 (not 6088 nor 6130) and 9693, while untraced on former Phnom Penh fqs of 4908 and 11945v. Closing time varies from day to day between 1250 and 1315 (Isao Ugusa, New Far Eastern DX Review 2/4)

ISRAEL HS relays noted on many fqs the day after peace agreement signed. All these very good or better at 0305 check 27/3: 11620 11635 11655 15485 15415 9815 (Jay Novello, NY, 3/4) These all-night programs were on a combined network, including Galei Zahal. DXers who logged them might want to try to get a G.Z. QSL as a result (Larry Magne, PA)

IRAN The news editor of the NIRT was executed last week and 75 employees of the NIRT were fired for supporting the Shah during the revolution (VOA news, via CMS Telegram 19/3) Since 1630 1/4, the nationwide domestic net from Tehran IDs as "This is Tehran, the Voice of the Iranian Islamic Republic" (Persian: Inja Tehran Ast, Seda-ye Jomhuri-ye Eslami-ye Iran) (BBC MS 5/4)

INTERNATIONAL WATERS Voice of Peace might be hrd on 6240 any time now. Abie Nathan has bought a crystal for that freq. The previous one was for 6245, which would only go as low as 6243, too close to the 'U' beacon. Don't confuse VOP with the Korean tests on 6240 (John Campbell, DSWCI SW News April)

INDONESIA (Cf Apr LN-8) Gordon Darling is definitely incorrect that 4002.68 is Tanjungkarang. It is Padang. The former is on 3955.7 // 3395 for many many months. New Indos on 2901 3036 3050 3133 3211 3317-RKPDTkt 2 Belitung-tent., 3500 3539-RKPDTKt 2 Kota Waringin Timur

Sampit, 3552 4054 4056 and 4239 (James W. Young, CA.) (Cf LN-4) R. Institut Teknologi, Bandung, back on 6012 after 12 months or so, first noted 23/3 with jazz and R&B; few annts 1400 and at 1450 Indo ID. Also 24/3, and since with US pops, quite strong from about 1300 onwards (Robert Yeo, Victoria, ADXN) Recently the key stn of Nusantara V, RRI-Jayapura, cannot be heard except on 6070 in the evening. Does anyone hear this 'rare' stn on 15300 11942 9654 9612 4981 4865 4753 3905 3325? (Satoshi Wakisaka, IDXR) Back up at Bandung, note the time hrd on this page conflicts with the schedule on LN-4 (gh)

HAITI Just got my 1979 WRTVH and I see they mixed up AM stations. La Voix du Nord-Ouest is on 1385, not 1410. R. Familial is on 1410 with call unknown (Richard Clark, Dominican Rep.) This of course affects the identity of the stn on 5641 reported in past issues, 4 x 1410 (gh)

GUYANA GBS on 5950 0925 noted with one calypso style song, "Who Kill Jimmy Jones if He Kill Everybody?" What a subject!! (Jack Jones, MS, 3/4) Life goes on... (gh)

GUINEA BISSAU Rdif. Nac. still missing. I've been checking for a number of weeks now, but no luck. 5041 used to put in a good sig but they haven't been reported since 9/78 (Steve Webster, Apr ODXA.) I believe you were correct in guessing that the 10090 stn at 0500 is a harmonic of Guinea-Bissau, since the name G-B gets mentioned quite a bit, I think (Dave Walcutt, TX, 27/3)

GREECE To my great surprise, AFRS-Athens, a MW-only service was hrd on 24060 SSB mixing with RTTY, 15/4 1412 with soul mx pgm, local PSAs, 1459 TC as 6 p.m., so Greece was already on DST of GMT plus 3. Began NBC news before 1500 sharp, so tape-delayed and not //AFRTS-W 11805. 1505 jingle ID and local wx, 1506 "Let's Go Country". Still in at 1850 check with sports play-by-play. Three days later 18/4 at 1345 check was on 23430 instead, UPI delayed nx at 1400; 1404½ local wx, introducing musical interlude, apparently replacing usual pgm. I have sent them a report--imagine that!--requesting explanation. Meanwhile I speculate that it may have been a feed to their Iraklion (Crete) station, or that without their knowledge some fixed service rebroadcast their audio as a marker. Not hrd since (gh) more, LN-13

GERMANY EAST (Cf Apr LN-7) The RBI 4-part QSLs require four reception reports during the period 1/5 to 7/10/79, marked "DDR 30" and individually with the series number 1, 2, 3, 4 (RBI Journal, via David Osborne, March NZ DX Times)

FRANCE (Cf Apr LR-D-5) RFI on 25800 moved to 25820 where it seemed to have settled, noted 30/3 1215 //21620/21595, and at 1515--why, god knows, since 11m is rather uncrowded and 25800 was OK (gh)

ECUADOR R. Tarqui 4972 (listed on 4970 in WRTH 79) has been off the air for several weeks. Has been repairing and modifying xmtr (DX Party Line via CMS Telegram 16/4)

DOMINICAN REPUBLIC (Cf Apr LN-11) The RTVD IS will greatly appreciate listeners' reception reports and comments. There will be pennants, QSLs, stickers and tourist information. If airmail reply is wanted, one IRC must be sent from the Americas and Spain, two IRCs from Europe, and three from the rest of the world (José Rhadamés Cabrera, RTVD, 13/3) On the air some evenings on 9505 with HS simulcast, including mass around 2300, half-hour news 0200, in SP (gh) Moving around again, on 5972a 1033 22/3 (Jack Jones, MS) Modulation on 9505 is not very crisp, tho less co-channel QRM than I feared (gh)

CHILE A harmonic hrd in June 1978 on 2500 kHz around 0100 was from R. Universidad Técnica del Estado, Valdivia, 2 x 1250 (Cláudio Rotolo de Moraes, Florianópolis SC) LVCH hrd for the first time on a harmonic, 23780, 2 x 11890 also audible, 14/4 0138 ID, SIO 253 (gh)

CUBA R. Moscow via Habana, 9550 17/4 1920 tune in to hear RMWS to 1945, when audio was cut; OC till 1955, when carrier cut in and out several times; 2000 RMWS back on in midsentence, hrd till 2008, when I had to leave. Back at 2017 to hear RHC Portuguese pgm to 2026, when RMWS abruptly switched in. Many breaks in xmsn; RMWS carried past 2130 (David Crawford, FL) On Lenin's 109th birthday, superstrong RMWS 22/4 on 9600 to 1300, tones to 1325; from 1330 to 2200 on 11840, strongest on bands; 24/4 to 11885. Satellite-fed, split second behind // 21530, 11905 fluttery USSR signals. RHC also had AR at new time 1500 on 9550 (gh) See USSR LN-13

COSTA RICA Checking for R. Reloj's publicized "Aquí Costa Rica" pgm GMT Tue at 0300 on 4832, it was not on, but a 10:02 TC at 0302 was (gh) The govt announced Sat that all clocks in CR would be pushed one hour ahead as an additional emergency measure to save electricity (UPI via Milwaukee Journal, 25/2 via IRCA DX Monitor 10/3) So this and all other pgms are likely an hour earlier by GMT for the duration of EST in CR (gh) R. Reloj is using new 2623, noted at 0600 and 0800, frequent IDs, // 4832 (source and date unidentified, from mailing wrapper used by Victor Goonetilleke 27/3. Could be very much wrong and/or out of date (gh))

COLOMBIA A het on Peking 15030 turned out to be Emisora Surcolombiana, Neiva, 3 x 5010: 14/4 0145 sermon; 15/4 0140 preacher again with about 200 Hz het, hard to separate except during Neiva fade-ups. 0200 nx, 0210 ID as "Surcolombiana, la onda alegre de Neiva". Reception on QRMed 5010 is hardly any worse at this hour (gh) La Voz de los Centauros hrd on 17865, 3 x 5955, good 10/3 at 0050; also La Voz del Llano on 18345 10/3 at 0040, 3 x 6115, good (Andrea Lawendel, Italy, PLAY-DX) These harmonics seem to get into Europe better than ENAm (gh) WRTH stn 43) Ecos del Combeima is assigned to 9570, as 64) La Voz del Norte is to 9750 (DSWCI Apr)

CHINA Full detail picture postcard QSLs in from Tibet 9490, Gansu 4865, Yunnan 4785; reports via R. Peking with some on their own pgms, opened up by a contact of mine (Barraclough, SWNS)

CHAD RNT still missing from 4904.5, reason uncertain; they usually put in a good signal here (Steve Webster, CMS Telegram 19/3) Per TV news, the broadcasting house in N'djamena was burned down in recent riots; so possibly no radio in Chad at the moment (Arctic Radio Club 23/2 via IRCA DX Monitor 7/4) RNT still missing from 4905.5, due to the situation in the country (Steve Webster, CMS Telegram 16/4)

CAPE VERDE All stns are nationalized, so there is no more Rádio Clube here (Denis Beauregard, Telex, via IRCA DX Monitor 7/4) The only stn listed in WRTVH 79 was private, Voz de São Vicente, 3930 and 7155 (gh)

CANADA CKZN-6160 and CHNX-6130 hrd around 0930-0945 27/3, as the Colombian and HCJB were missing, respectively (Jack Jones, MS) Tho missing from WRTVH 79, Vancouver 6080 is certainly on the air, as heard at poor level here 13/4 at 0800-0836 (Jim Conrad, IA) (Cf Apr LN-11) CFRB engineer Paul Edgley says CFRX will remain on the air until the xmtr breaks down or the building goes, whichever is first. He estimates this to be about two years. However, it had nothing to do with listener protest; on the contrary, the stn received very few letters requesting that CFRX should remain on the air (Steve Webster, CMS Telegram) Tho 'listener protest' was my conclusion, it was not an unreasonable one to draw from the manager's letter to Robins, who made a very good case for keeping it on. The manager, evidently, was more diplomatic about it that the engineer. No claim of a large number of protesting letters was ever made by anyone (gh)

BRAZIL R. Nacional de Boa Vista, 4835, hrd 3/4 to 0406* with full ID, freqs, Radiobrás ID, anthem. Overmodulated & distorted, esp. on speech; SIO 333, het from Reloj (Jay Novello, NY) A rather wide band (21 MHz) opening from São Paulo noted 14-15/4; first on 23530, R. Tupi play-by-play, clear here tho u/DW on 11765 fundamental at 2350. Then, at 0015, definite Brazilian PT on 2450, mx w/disco beat; co-channel from marine op at 0021. No ID hrd, but the only Brazilian listed on this freq is R. Cultura de Araçatuba (gh) R. Difusora Mossoró RGN hrd since 1975 and still in 1979 on 2340, 0700-0830, 0000-0400, 2 x 1170. Back in 6/78, on 2920, R. Colonial, Três de Máio RGS hrd in Brasília around 0000 on 2 x 1460 (Cláudio Rotolo de Moraes, Florianópolis SC) more, LN-13

BOTSWANA A friend of mine visited R. Botswana late last year and got a friendly reception from the African deputy chief engineer. All reports are read, stamped and filed but they are short-staffed and have problems getting a good signal out to their own listeners with cheap transistor radios, to worry about reports frbm overseas which obviously are of no use. He complained of tapes of their signals which were difficult to pick anything identifiable out of. The reception my friend got would seem to conflict with Foxworth's report (Mike Barraclough, UK, April SWNS)

BELGIUM For some time we have been thinking of founding a SWL Club. We are now ready to start, and this means that from now on a special info bulletin for club members, QSL cards, stickers, pennants etc. will be reserved exclusively to members of our club. For info write BRT, Box 26, B 1000 Brussels (BRT)

AZORES LN-13

AUSTRALIA ABC Brisbane on 4830, 2300 12/3, apparently emergency use of 9660 crystal (at half frequency); back on regular 4920 two hours earlier and again at 0105 13/3 (Robert Jones, ADXN Apr) Looks like they're doing a Port Moresby! (Peter Bunn, ADXN ed.)

ANGOLA RN, Luanda back to 4820, good with PT nx 1930-1940, after using 4790 and 4985 in recent months (Peter Bunn, Vic., R. Australia DX 25/3) RNA obs on 4886.5 24/3, 25/3 1830-1915, 6/4 at 1810, location?? ("RP" & "GBE", PLAY-DX, Italy) Another RNA, unID location, on 5061 31/3 2115-2135 ("GBE", Play-DX)

ALGERIA Algiers Radio reported 18/3 that local time would continue as GMT plus one until 25/10 when GMT would be resumed (BBC MS 22/3)

FUTURE PLANS

YUGOSLAVIA The Dir. of RY told a meeting that a decision would be made 'in the next few days' by a commission consisting of reps from all republics and provinces and federal bodies, as to 'who will be entrusted with the construxion of new and more powerful xmtrs for RY'. This was reported by Tanjug 23/3 (BBCMS)

WARC 79 A regional preparatory seminar for WARC was held 12/3 in Panamá, thru 23/3. ASAN reported that small countries were demanding a fair allocation of the spectrum so as to prevent 'the big powers and the more developed nations from hoarding freqs'. Equatorial countries were demanding that their rights to satellite space in the geo-stationary orbit be respected (BBC MS 22/3)

VENEZUELA Venpres news agency reported 27/3 that the Dir. of R. Nac. had anc'd that a single organization made up of R. Nacional, R. Continente, the cultural radio stns, and La Voz de Venezuela would be created to present the country's image, with emphasis on educational (sic) and information. Equipment for La Voz de Venezuela was already in Paraguaná, Falcón state. Its 1000 kW xmtr will cover rural areas, SAm and Caribbean. It will also reach Europe with its directional antennas. The xmtr building itself and offices for the new stn have, however not yet been built (BBC MS 5/4) The 1000 kW xmtr is on 880 kHz (Richard Clark, NRC DX News 2/4) Tentatively hrd 19/3, 20/3 way under the Cuban, lousy signal for that power (Chuck Hutton, Decatur GA, NRC DX News 2/4)

USSR R. Moscow asks listeners to suggest later time for GB&I xmsn 1900-2000 (BBC MS 5/4)

U S A/GERMANY WEST/IBERIA Continental Electronics says it has received an over-$6.2 million contract from the GSA to design and manufacture eleven 250 kW xmtrs for RFE/RL (Electronics News 5/3 via Bob LaRose, CA, SWNS)

SRI LANKA The fact that Deutsche Welle had received permission to build a relay stn here was first broadcast by DW in its own newscast in early 12/77, and I can recall having heard this very clearly. At that time and on many other occasions the Ceylon Observer too had a front page spread about it. The denial in 1978 by G. G. Thiele of DW about such a project is regretted. Perhaps he is not aware of the facts, or is it that DW has had second thoughts about the project? (Oliver T. Goonawardena, Sri Lanka, UADX 20/3)

MALAYSIA (EAST?) As part of a $50 million expenditure, mainly to bring TV to East Malaysia, radio stns and studios would be built in Bandar Seri Aman, Bintulu, Kapit and Sarikei. The xmtr and studio at Bandar Seri Aman would be completed next year, and Bintulu would begin later this year. A new radio xmtr serving Baling and six districts in Kedah state would improve reception when completed in 1980 (BBC MS 22/3)

LIBERIA (Cf Jan LN-14) AWR Africa is to contain 6 xmtrs (Adrian Peterson, CMS Telegram)

INDIA Per AIR, MinfoBC anc'd 12/3 that as part of the 12 new radio stns in the current plan, one in Rajasthan was expected to be commissioned during the next two years (BBC MS 22/3) Per AIR, MinfoBC stated 23/3 that a bill to set up autonomous organizations for AIR & TV would be introduced in the current parliamentary session (BBC MS 29/3)

GUATEMALA AWR is to begin broadcasting on SW 15/8/79, no freqs announced yet. Originally supposed to be on the air last year. The AM & FM outlets, already on the air, are known as "Union Radio" (Edwin Stickle, NY, SPEEDXGRAM Apr) 20 kW on SW (Adrian Peterson, CMS Telegram)

GABON has one of the most advanced SW complexes in the world, but no one qualified to run it. They cannot decide on what form a foreign service should take, but they do plan to be on the air shortly with at the very least domestic services (Le Monde, via Wayne Oliver, SPEEDX Apr) It's silent due to the lack of electrical power and technical staff (Andreas ---'s pen friend SCDX 17/4)

ECUADOR It is expected that during late J79 and S79 testing will take place with a 500 kW unit (Roger Stubbe, HCJB 6/4) The antenna will be over 400 feet tall, and contain 18 miles of wire. It is hoped the new ant will improve reception especially in EEu. Total cost of this project for a steerable antenna at Pifo, is expected to be around $50,000 US. (Church Around the World, Mar., via Norman Grosvenor, SPEEDX)

DOMINICAN REPUBLIC In an exclusive taped interview with SWNS Correspondent Robert Rowe, Rudy Espinal claims there is a good possibility that R. Clarín will be back on SW soon. The new pgm will be partly financed by the govt and partly by 'another organization' which he doesn't name. This is certainly surprising as the new Dominican govt will soon have an int'l service on its own RTVD. Espinal identifies a key figure in the new R. Clarín operation as Franklin Belanco. Some of what Espinal says, probably relates to the fact that Balaguer's Reformist Party, tho forced to surrender the presidency, retained control of the D.R.'s powerful Senate (April SWNS)

more, LN-13

BRAZIL Radiobrás plans a multi-lingual service, including Japanese & French (SCDX 27/3)

BANGLADESH R. Bangladesh reported 14/4 that MinfoBC stated that seven 'fully-fledged' regional radio stns will be set up at Barasil, Bogra, Comilla, Mumensingh, Rangamati, Tangail and Thakurgaon (BBC MS 22/3) RB reported that as a result of a memorandum signed in Dacca 6/4, Bangladesh is to receive a Australian$210,000 grant for equipping and running a RB studio complex in Sylhet (BBC MS 12/4)

CLANDESTINE CRANNY

Radio Liberation As their QSL Agent, it is my sad duty to announce that at 0500 8/4, R. Liberation was permanently shut down by agents of the FCC. The 8/4 0200 broadcast was the last one heard, and the last chance to report on this 'hobby pirate' stn (Stu Klein, FL, who is convinced they were in putrid Louisiana, tho I am not -gh)

"WFAT" New York was busted 15/4 by FCC agent Jack Shadinsky. The operators were the same as those of "WCPR", Perry Calavari ("Harris") and Hal Hayes. "WISI" on FM, operated by Al Brady, was also caught (Harry Helms, Dallas TX)

"KDOR", 830, Hollywood CA was shut down by the FCC 18/2 after Dick Dorwart staged a marathon broadcast in hopes of raising support. Dorwart had kept KDOR on the air since 18/4/78, running the show from his own garage, most nights between 6 p.m. and midnite. Three times the FCC visited and asked him to stop; three times he stopped, only to go back on the air again. Per Jeff Young, FCC Washington, the kid-gloves treatment had very much to do with the fact that the 31-year old Dorwart is severely handicapped by osteogenesis imperfecto, "brittle bones", impairing normal growth and keeping him in a wheelchair most of his life. "We handled him very gently, hoping he would lose interest. In nine out of 10 cases, illegal stns are run by teen-agers who do lose interest after a while. But Dick is serious. He's applied for a license." If he still goes back on the air, "we'll be forced to issue a cease-and-desist order. If he violates that, he risks a $10,000 fine and a year in jail." Dorwart says he will comply. "I've never meant to bug the FCC. They've treated me fairly. I stayed on because I felt I had something to say. This signal wasn't interfering with anybody and I al-

ways played things in good taste. I wasn't acting out any fantasies. I wanted to make K-DOR real." With a homemade xmtr pumping out 50 watts, he claimed listeners as far away as Sunland, Tujunga, Whittier and Pomona. Loud and clear in Hollywood, KDOR had developed a small but avid cult following, some for the novelty, some for the refreshing amateurism. Engineer Don Saunders, who went on the air as "Connie Francis", dispensed some of the worst one-liners this side of vaudeville. Dorwart joked that any FCC penalties could hardly be worse than 'breaking 195 bones in my body', the current count. He has stainless steel pins inserted for support and sets some of the breaks himself in plastic casts. Dorwart estimates the value of his radio equipment around $10,000. He says he has been in radio for about 15 years, mostly cutting PSAs for the American Cancer Soviety, March of Dimes, and others. The KDOR bulletin board has plaques, certificates and pictures of Johnny Carson, Jack Lemmon, Kay Lenz and others with whom he has worked. "I was cutting a public service spot with Ralph Bellamy during one of the FCC inspections," Dorwart said, smiling. "I didn't think they were quite ready for that." The format was no format at all. Now thru proper channels "I have my application on file and I don't think it's a million-to-one shot," he said. "I'll be back...." (James Brown, L.A. Times 11/3, via Mittman & Pejza, IRCA DX Monitor 7/4)

"WCBX" 1614v kHz first noted all the way down here 6/4 0335-0402*, 7/4 0500, 8/4 -0536* with professional format of top-40 singles, DJ giving NY area wx, TCs, plenty of IDs, and address something like "P.O. Box 1195, Bayville"(?) or similar, and s/off 8/4 claiming operation legally within FCC R&R Part 15. Said would return 'next Friday at 4 p.m.'. Drifts up slightly as measured against"RAB"-1613 beacon. Must be at least 500 watts to blast in so well here! (Terry L. Krueger, Casselberry FL)

"WVOT" Voice of Togetherness, 28640, hrd 30/3 at 0145, half religion, half contemporary mx. "from somewhere in the Midwest"; offered a "Big QSL card" (Dick Swanson, IA, 9/4) WVOT sent me an offset full-data QSL. Unfortunately, I not only failed to hear the verified BC, but have never heard of the operation. Programming is 'for world peace with God's help' (Terry L. Krueger, FL, 11/4)

Voice of Venus called me and said they would be on 7480 USB at 0145 GMT Tue. Hrd on LSB but facsimile on also. I don't spend any time on this kid stuff. I don't know where they got my name from. Said they were not in Minneapolis MN. So much for that (Bob Zilmer, Milwaukee WI) 170-watt SSB experiment by 2 Indiana high-school students, *0230v-0640v* weekends on 7412v-7460-7490 (John Campbell, DSWCI SW News) (Cf Apr LN-15) Darren Leno is no longer affiliated with VOV and is not happy about all the mail he's getting. VOV can be reached instead thru Free Radio Campaign USA, R.D. #2, Box 542, Wescosville PA 18106 (gh) more LN-13

"Fun Radio", 6420 in Santa Mónica. This bootlegger is back in force now, quite blatant. All mx format. Southern CA DXers are very close-mouthed about him but there are a few finks in any group. An individual known to me has driven by the place while the stn is on the air. There is more than one person involved. Pirate mania aplenty nowadays! (Chuck Boehnke, Los Gatos CA, Apr NNRC) The "KDHF" or "KVHF" of previous issue, presumably (gh)

R. Viking was raided and new xmtrs were built to replace old ones. Power upped to 3 kW in the beginning of 1979. Sked every 2nd Sun on 6240/6250 per letter from John Svenson of RV (Dave Twiggs, Bristol CT, 10/3) Now on the air most Sundays 0800-1100, changed because of chaotic summer-time situation across Europe (Poul Foged, Apr DSWCI SW News)

R. Zodiac International/Radio 49 These two stns have merged with the new name R. Zodiac 49, sked 2nd & 4th Sundays 1000-1400 (John Dawson, RZ, via Dave Twiggs, CT, 10/3)

Radio Enoch, right-wing extremist pirate is the first to broadcast out-and-out political propaganda in the UK, Suns from 1000 around 7.35 MHz. Two men with faint West Midlands accents present R. Enoch's pgms--news, commentary, features, reading letters and some music. Started just before Xmas, now once a month for one hour, to limit time for detexion of site. Some 6 to 8 individuals probably involved, but with 150 or so 'in the know'. Run by People Against Marxism, populist right-wing group, firmly denying links with the National Front or the South Africans. PAM policy is against immigration, for South Africa & Rhodesia; for free enterprise, against govt interference; opposed to the EEC on grounds of loss of sovereignty; Defence should be built up to meet Communist threat. Trade unions are OK, but now have been in filtrated by revolutionaries. The two presenters take turns making comments, with background music support from "Land of Hope & Glory" Nothing much has been done about R. Enoch, and other pirates are extremely unhappy about its existence (Lennie Michaels, Time Out 23-29/3, via Andy Robins, MI) The thrill of my trip to England was hearing R Enoch on 7345V LSB, poor sig, from 1010 with talk about National Front, Botswana, immigration; drifted from 7350 at tune in to 2340 at 1030*. It's only a matter of time before they are taken off the air thanks to their very political attitude (Bill Whitacre, UK, 25/3)

Other European Hobby Pirates, active midday Sundays on SW: 6230, R. Solent City, also testing on 6235. 6240 R. Condor (Ireland) relaying "Big D". 6250 R. Viking super sigs w/DX pgm 0945. 6250 R. Jackie. 6256 R. Utopia. 6260 R. New (Programmes??) International, a new one. 6265 R. Mercury. 6265 R. Corsair. 6275 R Zodiac-49. 6280 Westside Radio (Ireland). 7340 R. Impact, another new one as early as 0835. 7364 R. Solent City DX program 1141 (Whit 25/3)
R. Utopia International, new stn 25/2 on 6200 0800-1215, blocked by Bizim 0810-0900. Also 4/3 and 11/3 on 6200 and the new 6260.5 (John Campbell, Thomas Drescher, Oscar Hansson, RVDXW) ABC Radio is new stn 4/3 1020 on 6290, announcing 6270. Plans to be on the air every 1st and

3rd Sun 1100-1300 (John Campbell, Luc Bertels, Oscar Hansson, RVDXW) Sound 79 Radio is new, 4/3 0700-0804* on 6223 (Oscar Hansson, RVDXW) Bell Radio testing on 7323 (Thomas Drescher, RVDXW 20/3)

Here's another list of 48m pirates heard in Britain: varying 6200-6300 Voice of Britain. 6200 Empire Radio. 6200 Atlantis, in the Midlands. 6205 Iris. 6215 Free Radio Broadcasting Co., in Shropshire. 6235/7325 European Music Radio, third Sun 0900-1200. 6235 Sunshine Int, London, first, second & fourth Suns. 6235/6280 Solent City Int, North of England; second & fourth Suns from 1130 on. 6255 Corsair, SW London, noisy pgms, lots of Free Radio propaganda; leftish. 6260 Skyport, SW London, close links with Corsair. 6260 Cavendish, SE England, 1000 -1100. 6270 Zodiac 49, 0900-1100. 6270 Tower Radio, Cambridge. 6275 Enoch, some SSB and very powerful. (Lennie Michaels, Time Out 23-29/3, via Andy Robins, MI)

R. Rastafari, 6254, uses sub-slogan Voice of Zion, fairly regularly hrd Suns 1200-1245 or to 1300. Hopes to have new xmtr eventually and may then change fq. If you hear JBC Radio on 6254, it doesn't mean Jamaica is back on SW for the first time in 20 years--it's just that Rastafari likes playing tapes of Jamaican broadcasting (John Campbell, DSWCI SW News)

Voice of Palestine, Voice of the Palestine Revolution pgm is now carried on Aden Radio, Southeast Yemen, in AR 1815-1900 on 11770 7190, in addition to via Algiers 1705-1800 and by Baghdad 1830-1900; since 1/4 (BBC MS 5/4)

Democratic National Front Radio of Yemen (Cf Apr LN-14) BBC MS says this has operated since early March, yet I had noted it back in 11/78 and IDed it as Aden. Probably uses Aden's xmtr 6005, and ID is very similar (Peter Bunn, ADXN April)

Anti-South African program in EG is now aired daily from Madagascar at 1800-1900 on 6135 (Richard Ginbey, RSA, SCDX 17/4) "Mobilization Against Apartheid" will be carried in R. Budapest EG pgms 30/5 2100, 31/5 0200, 0300, 1030, 1200, 1430 (Budapest International)

Zimbabwe Will Be Free pgm via R. Moscow in the 1600-1630 Shona xmsn is moved from Mon to Sun, but still repeated on Thurs, per R. Moscow anmts 19/3 and 20/3 (BBC MS 29/3)

Kampuchea Krom people living in the Mekong Delta of Vietnam, have their own radio stn, per R. Democratic Kampuchea 19/12. They have risen against the tyrants of the Le Duan/Pham Van Dong clique and organized racial defence movement to fight the clique (Jiji Bangkok 19/2 via Dec SEAs Monthly via NFEDXR 2/4)

Voice of Democratic Kampuchea anc'd that from 26/3 a new sked would be in effect: 2330-0030 11685 9470. 0400-0500 17705 11725. 0900-1000 15600 11980. 1200-1300 11990 11600. Obs 26/3 confirms this sked (BBC MS 29/3) On 1/4 this sked anc'd: 2330-0030 9470 11655. 0400-0500 11725 11705 (sic, should be 17705). 0900-1000 11990 15600. 1200-1300 11600 11990. 11655 is actually on 11660 and 17705 actually on 17703. Former 1500 xmsn untraced on 31/3. Not enough time to check all fqs (Isao Ugusa, 1/4, NFEDXR 2/4)

Eight-One (Cf Apr LN-14) in its 9/3 xmsn denounced China sending troops to Laos for commencing 2nd battle against Vietnam. Per the stn, actually at the frontier with Laos, China concentrated four divisions and set up tactic bases with the object of continuing and encircling, threatening and attacking Vietnam. On 7/3 the radio reported a dazibao or wall-poster in Peking denouncing reactionary policy of Deng Xiaoping, insisting that those who set aggresional war against Vietnam would go to hell. "We can't let our children serve as cannon fodder for Deng Xiaoping. May he go to hell!" (Voice of Vietnam French BC 10/3 transcribed by Bernard Chenal, translated by Isao Ugusa, NFEDXR 2/4) V. of Revolutionary Party for Reunification LN13

Radio Sandino hrd one nite giving detailed lesson on how to clean, load and fire an automatic rifle. Then "And now, comrades, go out and kill as many Somozans as you can get to for the glory of the revolution." Some spicy raw first-hand radio (Tim Hendel, Miami, Apr. REVIEW OF INTERNATIONAL BROADCASTING) 30/3 0445-0513* and 31/4 0443-0501* including brief lesson 0449 on "la bomba Molotov". Since it again gave broadcast time as "11 pm" but went off the air then, must be observing DST now as Nicaragua is, on 7587-7588 (gh) Hrd 6/4 *0430-0513* babbling on how to execute members of Somoza's "guardia nacional", village instrumental mx fillers. Think the site is allegedly Estelí per press reports, but I'd guess it's actually coming from Cuba or Costa Rica (Terry L. Krueger, FL) CBC said it's in some hills on the Costa Rican side of the border (Steve Webster, ODXA)

R. Libertad Cubana hrd on 7086 14/4 at 0453 (Jay Novello, NY) Listening to Jay's tape, it was the usual super-patriotic BS about Motherhood, etc., typical of Comandante David (gh)

La Voz de Cuba (Cf Apr LN-14) Since Campbell's list includes R. Swan, Honduras, 6000v, the list must not be based on monitoring or have been otherwise verified, since R. Swan has not been active on SW for about two years (C. M. Stanbury II, 11/4)

Numbers *0430 6/4 on 3218, 4-note ascending IS, immediately into woman in German with 8 digit "Gruppen" Heavy QRM. 27/3 on 4990 at 0416, woman in GM with "Gruppen 49", 5-digit groups, pause between 3rd and 4th. "zwof" for "2"; fuzzy audio; "Ende" 0419; strong over RSA (Jay Novello, Endwell NY) Lot of Spanish numbers stns hrd lately, almost daily 0300-0400 on 4670 and some on 3090. One xmsn on 17/2 at 0300 was an exact duplicate of one I monitored 13/4/78 Another one on the same freq 0400 19/2 was the same with only 5 or 6 numbers changed (Robert Rowe, Corpus Christi TX, SWNS April) Tallies with an observation previously made by Michael Chabak, confirming his most important observation, tho doubts exist re his research (Stanbury)

"Atención Alfa" hrd on 7350-7450 kHz, keeps moving up a few kHz at a time, 15/4 around 0530, with numbers and phonetic groups, sounds live, good signal on USB. Guerrilla stn? (Helms, TX)

DX PROGRAMS

U S A "Shortwave Review" which I produce for WUOT is now two hours earlier than before around 1545-1600* GMT on 91900 FM Sats (gh)

SRI LANKA Current RMI sked, Sundays 1100-1430 (sic, should be -1130) 11835 15120 17850 to FE and 1400-1430 6075 9720 to SAs. Re-insertion into the Af/ME svc still planned; and an additional broadcast per week under consideration (Adrian Peterson, AWR, India, March)

HUNGARY R. Budapest now has a DX pgm in Greek, Wed 1700 on 6025 6110 7275 9585 9833 (RBSWC News via Jiří Tieftrunk, Czechoslovakia, via SCDX 27/2)

FINLAND "World of Radio" keeps its broadcast dates and subjects previously announced but moves to 0850 & 1350 GMT Suns to avoid clash with Austrian SW Panorama. Alternates with "Land of 1000" (Pat Humphreys, FIR, April REVIEW OF INTERNATIONAL BROADCASTING)

ECUADOR Cf LN-2. Since EG is no longer carried at 2000, DXPL must have been rescheduled, perhaps to 2130? (gh) Yes (DXPL 22/4) Much more convenient time for ENAm listeners (gh)

CANADA If previously announced rotation plan continues, the DX reports in RCI DX Digest edition 2 during May and June will again be from Steve Webster of ODXA, with John Garner to resume in July (gh) Full texts of my DX reports in edition 1 now appear in REVIEW OF INTERNATIONAL BROADCASTING (gh)

BELGIUM BRT DX Corner in EG now the last item on Sun 1610-1700 and GMT Mon 0015-0100 BCs, 2nd and 4th Sundays. Spanish DX pgm Suns 2245 to SAm on 15190. Dutch DX Pgm 2nd & 4th Wed at 2000 on 17740 21475 (BRT sked) Someone on R. Ned Espacio DX-ista referred to the SP DX pgm being on 1st and 3rd Suns only (gh)

AUSTRIA From 6/5, ORF's "Shortwave Panorama" is rescheduled from 0300 to 2305 Sundays to NAm on new 5945, old 9770, and to SAm 12015 (David Hermges, ORF; Charlie Wootten, Italy; Bruce Boomer, WV; gh) At last, we ought to be able to hear it. Will 5945 continue thruout the eve for NAm instead of 6155? Hope so, no info at presstime (gh) more LN-13 ANDORRA LN-4

PROGRAM NEWS

UKOGBANI Some BBC WS May highlights: Man or Plant 7th & 14th 0945 & 2130; 10th & 17th 1430. God & Science 28th 0945, 2130, 31st 1430. Tales of Tea, 19th 1130; 22nd 2030; 23rd 0230. A Life of Spice same times following week. Warfare in Space, 21st 0945 & 2130, 24th 1430. 18th Century Organ Music Sats 0530, Weds 0215 0730. On the Street Where They Lived (Bruckner, Sibelius, Offenbach, Weber) Mons 1400 & 2330, Fris 0630. Let's Go Latin (music) Suns 0330, Tues 0830 & 1430. Hurray for Hollywood (Fred Astaire & Ginger Rogers, Judy Garland, Gene Kelly, Grace Kelly, Frank Sinatra) Suns 1830, Mons 0100, Tues 1345. Trial for Murder with Edgar Lustgarten, Suns 2115, Weds 1615 and Thurs 0330 & 0945. A classic serial dramatised in 10 parts, Lorna Doone, Sats 0230, Mons 1130, Thurs 1615. Canada at the Crossroads 5th & 12th 1130, 8th & 15th 2030, 9th & 16th 0230. Steptoe & Son Suns 1430, Weds 0945, Fris 0230. Plus lots of coverage of the British election

GERMANY WEST DW Brazilian svc begins 17/3 a unique "Mailbag" pgm in which the stn will phone listeners in Brazil during the pgm. Listeners who want to be phoned are now being asked to send in their phone numbers (Roberto Levinstein, Spain, SCDX 13/3)

FINLAND May Sunday Bests from FIR: 6th May Day celebrations; spotlight on young people, pop slot, World of Radio on CB & Ham; Air Mail, Nordic Notebook on zoos, pets, etc. Program preview, shipbuilding, the old town of Porvoo. 13th Int'l Child Year; Finnish cuisine, pop slot, Land of 1000 Radio Stations, Air Mail, sources of energy, program preview, fresh air with Hannu Mikkola, world champ rally driver; Stories from Finnish Lit: "First Love" by Joel Lehtonen. 20th school health checks & fluoridation, spotlight on Sibelius; pop slot, World of Radio on utes; air mail, metrication before & after, pgm preview, skis, Hämeenlinna and its historic castle. 27th inside Finnish society, paper & pulp, pop slot, Land of 1000 Magazines, Air Mail, language teaching, pgm preview, birds & ornithology, finnish lit "The Slave Keeper" by Juhani Peltonen (FIR)

AUSTRALIA Some R.A. pgms in M79 sked just expired as you read this: Letters to the Editor (of Au newspapers) Fris 1240, Sats 2040, Suns 0240 0840. Postmark Australia for stamp collectors, Tues 0740, Weds 1340, Thurs 0140, Fris 1640. The Week in Science, Fri 1940, Sat 0140 0740 1340. Point of View, Fri 2140, Sat 0340 1540. Science--The Body Program, Sat 2340, Sun 0540 1140 1740(sked)

PUBLICATIONS

The Wavelength, bulletin of Free Radio Campaign USA, a club especially for pirate radio promotion, also serving as mailing drop, comes with $5 annual dues, or $3 plus 12 SASEs. Sample for 50¢ and SASE (Al Muick, R.D. #2, Box 542, Wescosville PA 18106)

East Indies Maps, 13 of them with 2 fold-outs, show all known SWBC stns in Singapore, Malaysia Brunei, all of Indonesia and all of PNG and Solomon Islands, per NASWA country lists. All 8½ x 11 to same scale plus 3 enlarged maps of crowded Java. Shows all IDed stns by fq order with city names, locations, powers, and provincial boundaries. Ample room for additions. Not available separately except for one random sample for SASE and 25¢. Ppd in NAm set of 13 for US$4; overseas US$5 seamail, US$6 airmail (Jim Young, Box 576, Wrightwood CA 92397)

The World in My Ears, new book is Arthur Cushen's autiobiography as a listener for 45 years to MW & SW. 248pp, over 100 illos, hard cover, bound, sewn, 5-colour dust jacket. Much on wartime monitoring and an apparently comprehensive general introduction to shortwave listening, to be published July, August or September. Pre-publicatinn offer closing 30/6 is US$13.95 ppd by seamail in a book carton. Retail price will then be $16.75. A free brochure detailing the contents is also available. Order from Arthur T. Cushen, 212 Earn St., Enwood, Invercargill, New Zealand (gh)

BBC Handbook 1979, ISBN 0 563 17508 7. Now in a more attractive style, a very important source of info on IBC--statistics of hours broadcast, chronology. Much more info on SWBC of interest. Mainly deals with the national services of the BBC in the UK. 2.50 pounds (Rudolf Heim, EDXP 12/4)

Le Club Ondes Courtes du Quebec now offers reprints of 80 articles (in French!) which are available for republication with credit, under these headings: intro to SW, rx, antennas & accessories, construxion projects, propagation, languages, radio stations, ham radio, TV & FM and misc, at 15¢ per page. Suggest you send r.p. and request their list: COCQ, 3420 Chemin Ste-Foy, App. 5, Ste-Foy, Quebec, G1X 1S6. (gh)

Eter-Aktuellt, a fine DX magazine full of feature material, 56 pages but larger format than FRENDX, and lots of halftone illustrations, ISSN 0014 1658. Has staff of 25 editors. Really makes one wish one understood Swedish. Subscription info from RDXA, Box 3108, 10362 Stockholm 3, Sweden (gh)

Ondas FM is a detailed guide to FM radio stns in LAm & Caribbean, 59 pages of stn listings, text and maps, including stn locations, fqs, call, power, skeds, corresponding AM fqs. Compiled from official sources and reports of active DX listeners. 9 maps. As an aid to DX listeners in LAm, many stns in southern US are included. $3 ppd. EFM is a comprehensive guide to educational FM stns of the US, arranged by freq, 28 pages, $2. Both from WTFDA, Box 202, Whiting IN 46394 (gh)

World Radio Communications Guide, Mar. 79, has lists and info including SW and VHF-UHF freqs for a great many types of mostly governmental utility stations. 5½ x 8½ inches. A useful combination of previously published individual freq lists. $5.95 ppd (IL residents add 30¢ sales tax) by first class from (Handler Enterprises, P O Box 48, Deerfield IL 60015)

Electronic Equipment Hotline is a monthly electronic classifieds without classification, claiming distribution of 1000, charging 50¢ per word and hefty display rates. $6 yearly subscription from Box 4768, Panorama City CA 91412 (gh)

Radio Viking DX World, weekly (?) one sheet xeroxed on both sides of DX tips, heavy on pirate info, is $4 or 2 pounds for next 10 issues, to Erik Bjerre, Tøndervej 51. DK-6780 Skaerbaek, Denmark. Postal giro account Copenhagen 2 32 26 92 (gh)

Communications World 1979, $1.75 on newsstands. Basic basics rehashed for the umpteenth time --a one-IC SW preamp; BCB booster project which has been milked dry by at least six appearances in various Davis magazines; US-Canada AM-FM station list is useful (Hugh Miller, WA)

Kontinent 3. Anchor Press, NY, 1978, anthology translation from dissident literary publication: According to article "Until One Day", during the 1954 40-day seizure of a labor camp in Kazakhstan, rebelling inmates constructed a SW xmtr and sent out their demands, appeals for international support, and a last desperate SOS as the camp was being overrun by MVD troops (Hugh Miller, Seattle WA)

Aconcagua DX Club Boletín Bimensual, Nov-Dec 1978 was 10 pages legal size mimeoed, includes articles, loggings by frequency, info by country, all in Spanish. For info on joining, contact José A. Sabater, Casilla 533, 5500 Mendoza, Argentina (gh) Covers MW & SW.

Radio & Técnica, quarterly (?) Dominican magazine, covering communications, ham radio, CB, and has a DX/SWL column "Rincón Diexista" by the Santo Domingo DX Club; 40¢ per copy. Editorial offices at Francisco Henríquez y Carvajal No. 1 (altos), Santo Domingo. Also distributed by Quisqueya Radio Club, in New York (no address given) (gh)

Review of International Broadcasting. Dear NASWA member: you are reading a very good DX magazine, but if you haven't yet obtained a sample copy of RIB, you don't know how much you are still missing. There is much more to SWLing than QSL cards, loggings, skeds. RIB concentrates on free discussion of programming and issues affecting the DX listening hobby. You owe it to yourself to check out RIB. I'll be glad to send a sample by first class in NAm for US$1, or if you're convinced it's good sight-unseen, a year's subscription is US$12. Available ONLY from Glenn Hauser, University Radio WUOT, Knoxville, TN 37916.

Sound & Vision, Vol. IV of "The History of Broadcasting in the UK", by Baron David Briggs, Oxford Press, 1979 (covering 1945-1955) relates broadcasting to the history of British society. It grips the reader (Rogert Gregson, BBC World Service)

Communications Handbook 1979 is on the stands @ $2.50. Only the last 13½ pages deal with SW listening--two general articles by Harry Helms and one on WWV, and 2 pages on receivers (gh) 120 pages total, not many ads, yellow cover (Michel Baron, L'Onde)

Radio West has issued a new catalog of receivers, receiver modifications and accessories for the SWL/DXer. Presumably available on request from 3417 Purer Rd, Escondido CA 92025 (gh)

IN MY OPINION

(Diane S. Lévesque, Carbondale IL) I really got a good chuckle out of Feb. "In My Opinion". I thought the issue of 'elitists vs. commoners' was closed a long time ago--yet you not only head the IMO with a comment on that subject but you follow it with two opinions which also happen to be prime specimens of typical DX bickery. Beautiful. The skeleton sneaks once again out of the closet, shaking a defiant fist at its tombstone.

I had an unusual opportunity to study first-hand an elitist group last summer, and I realized right there and then that it required anthropological analysis to see that your run-of--the-mill elitist actually is a real person, for one must analyze him in the midst of his environment to really understand him. For one thing, the elitist will argue with his fellow elitist because he is a perfectionist among perfectionists, and he is showing that he likes his fellow perfectionists when he does so--not, as we would suppose, to be unpleasant or to be one-up-on-you. If you find yourself being doubted argued (sic) with by an elitist, don't feel affronted by his nerve; feel flattered that he actually takes you seriously enough to show you that he likes you in his native manner. It is only when you feel insulted enough to tell him to take a flying leap that you will disappoint his inoocent soul because all along he would have been under the impression that this was a new-found friendship because he thought that you had similar integrity and expertise to argue back, even on simple subjects as what the letters of a receiver's model number could possibly stand for--or flying transmitters.

An elitist is actually no different than you or I--he just belongs to a different DX culture, that's all. You will indeed find him contributing to more public clubs than the one he regards as his number one concern, and what bothers you and me most about him is that we don't know, without personality analysis, just who is the elitist among us, and we shall never know what it is between his ears that he's not telling us. These characteristics lead us otherwise peaceable hobbyists to go on witch hunts--which adds to the reasons an elitist will never admit to his nationality outside his tribe.

So you see, James Morck, NASWA has always stuck with the motto "Unity & Friendship"--see what a 'melting pot' it has become?

LAST-MINUTE ITEMS

UKOGBANI From 6/5 there are big changes in BBC services to eastern Europe (Russell H. Shapiro, WDXC Contact) Not for Hungarian & Romanian, but almost all Czech/Slovak are an hour earlier; Bulgarian 0330 ex-0430; Polish evenings shifted; new Russian Fri/Sat 2100-2130. Also Malay shifts from 1130 to 1330, Maltese from 1650 to 1630, and Vietnamese 1415 to 1430 (gh)

PHILIPPINES FEBC out of band 15450 fair in nx 2330 21/4 in EG, but not far enough from TWR-15440 to escape splatter. VOA 22/4 1330 on 15425 going from satellite-fed EG to SW-fed KO(gh)

JAPAN R. Japan J79 in EG to ME/NAf 2015-2045 on 15235 ex-11940; // 9700 (J. Garner, RCI 22/4)

ITALY RAI Maltese service suspended due to indisposed Maltese announcer (Jeremy Harris, WDXC April Contact) Oh, no! Too little of this lang already; 5 mins on BBC, above. 1430-1455(gh)

ISRAEL IBA blazes the way into a new out-of-band broadcasting region--above 13m. For J79, Hebrew HS to be on 21777.5 at 0615-1355 (via Larry Magne)

GREECE (Cf LN-6) AFRS Athens also hrd at 0630 on 23429; also was on 21946 several days but not now (Noël Green, BBC WRC 23/4) See also AZORES below

CLANDESTINE (Cf Apr LN-14) Voice of the Revolutionary Party for Reunification broadcasts from North Korea, presumably Haeju as in IRCA 7/4 quoting SCDX 30/1, despite ID as from Seoul. Due to political situation, but if one listens carefully, the programming is anti-south and pro-north (Bill Harms, UT) Voice of Venus tested for me 13/4 0245 on 7355 USB; must not care about phone bill. Said ran 120 watts with 'sort of dipole', Yaesu FT-101, new Henry Radio kW amp. There have been as many as 3 different "Scott Wylds" at one time; DJs range from 14 to 25 years old. Glad to QSL if r.p. included via FRC. Lying low for a while, but watch for a big broadcast in June. For phone-ins, someone goes to a phone booth, hooks up a phone patch with some 2m gear, which they monitor at their studio. Pse call me again, collect OK (Ben Radcliff, Ottawa IL)

CANADA Due to DST, "World @ 6" and now all of "As It Happens" carried on SW to Europe as of 30/4 at 2100-2300 (RCI European mailbag 22/4) No fqs given, but has been 17875, 15325 (gh)

BRAZIL R. Jornal do Comércio, fair at 2230 in PT on 11620 (Wm. Morsley, April WDXC Contact) New Amazonian stns at Macapá, Manáus, which began SW xmsns lately are the first of 27 to be installed in this area by Radiobrás. All in tropical band; first was R. Roraima (Unzer CSWLI)

AZORES (Cf GREECE above) Tent. "CSB 83 Lajes" (AFRS) ID hrd 14/4, not since on 15587 LSB at 1015-1205* (Noël Green, BBC WRC 23/4)

AUSTRIA (cf LN-11) Another Sun airing of "Shortwave Panorama" has been retimed, 0900-0915, Eu 6155 7170; SEEu 9770; AuAs/SEAs 21610. And the 1805-1820 is to Eu 6155, EAf 15435, ME 15560, SAf 21740 (David Hermges, ORF; Charles A. Wootten, Italy) Look, another OOB (gh)

U S S R (Cf CUBA, LN-6) RHC Mediterranean svc in FR hrd from 19/4 (Soviet fq change date) on 11700. Appears to be from USSR, rather than Cuba due to propagation characteristics. (Noël Green, UK, via Magne) Cuba does have a satellite terminal. Apparently reciprocal relay arrangement. Xmtr for RMWS in Cuba probably an old RHC one maybe ex-15556 FSKer now gone (Magne)

naswa AWARDS reports

7921 Anfred Drive
Laurel, Maryland 20810

May, 1979

The following report gives all awards issued during the period 1 January 1979 through 31 March 1979. All awards are listed in chronological order of issue.

AFRICAN CONTINENTAL DXER

Nobuaki Takahashi

EUROPEAN CONTINENTAL DXER

Nobuaki Takahashi
Art Burke
Jonathan Golkin
William Mann
Jerry Hook
Giorgio Romanin
Charles E. Hoffman
Jeffrey O'Donnell
Rick Carr
Steven H. Ponder
Morton S. Ronick
Ralph Alm

EUROPEAN CONTINENTAL DXPERT

Chris Lobdell

SOUTH AMERICAN CONTINENTAL DXER

Nobuaki Takahashi

SOUTH AMERICAN CONTINENTAL DXPERT

Chris Lobdell

NORTH AMERICAN CONTINENTAL DXER

Charles E. Hoffman

DXER DE PACIFICA

Nobuaki Takahashi
Jon Greenberg
S. David Klein

ASIAN CONTINENTAL DXER

Nobuaki Takahashi

WORLD WIDE DXER

Baxter W. Hensley
Richard Thrall
Art Burke
William Mann
Brett Saylor
Steven Sbordone
Giorgio Romanin
Jeffrey O'Donnell
Rick Carr
G.D. Dawson
David R. Wilhite

DX CENTURION

Charles E. Hoffman
Peter J. Bowen
J. Roland Desrosiers
S. David Klein

SENIOR DX CENTURION

Kent Magill
Gerry Bishop
Chris Lobdell

ALL CONTINENT QRP DXER

Chris Leithner--50 kw
S. David Klein--25 kw

SENIOR NIGERIAN DXER

Gerry Bishop

EMISSORA REGIONAL DXER

Nobuaki Takahashi

ECCLESIASTIC DXER

Nobuaki Takahashi
Jim Caruso
Charles E. Hoffman
James T. McClure

ALL VOA DXER

Chris Lobdell

SENIOR INDONESIAN DXER

Nobuaki Takahashi

MASTER INDONESIAN DXER

Nobuaki Takahashi

SENIOR BRITISH COMMONWEALTH DXER

Roger Deroy

ARAB WORLD DXER

Giorgio Romanin

SENIOR PAPUA NEW GUINEA DXER

Nobuaki Takahashi

SENIOR TROPICAL BAND DXER

Al Miller

Well, that's all for this month. A significant increase in awards applications this quarter, and a special salute to Kent Magill, Gerry Bishop, and Chris Lobdell for reaching the 150 country verified plateau. Hope to hear from many others in the next quarter. Till then, 73

Dan Henderson

QSL REPORT

"Your best in QSL information"
NASWA - FRENDX

SAM BARTO
NASWA QSL Editor
245 Cherry Ave.
Watertown, Conn.
06795

Usually I don't say too much at the beginning of a column, but in this issue we have some truly fine QSLs especially from South of the border, Read on gentlemen.....

AFGHANISTAN: RA 4775 "Map" cd. in 66ds. for 3 IRCs.(Hensley-TX). in 41 ds. for 2 IRCs.(Hoffman-PA).

ALBANIA: R. Tirana 9750 f/d cd. in 55 ds. for 1 IRC.(Newhall-CT).

ALGERIA: RTVA 6145 f/d cd. in 1 mo. for a FR rpt. Sked rcvd.(Prisco-PA).

ARGENTINA: RAE 9690 blue and white cd. in 40 ds. for EG rpt. and 1 IRC.(Dawson-ALT).

ARMENIA: R. Yerevan 15180 f/d white cd. in 115 ds.(Gionet-NB).

ASIATIC RUSSIA: R. Moscow via Irkutsk in 6 wks. for 15175(Field-MI). in 1 mo. (O'Donnell-PA). in 5 wks.(Barto-CT). via Chita on 15385 in 5 wks.(Barto-CT). in 6 wks.(Field-MI). via Petropavlovsk-Kamchatsky on 15140 in 43 ds. (Marshall-ND). same site for 15140, 15180 and 15450 in 5 wks.(Barto-CT). for 5930 in 1 mo.(Barto-CT). via Khabarovsk on 7175 in 1 mo.(Barto). via Nikolayevsk-on-Amur on 9780 in 23 ds.(Prisco-PA).

AUSTRALIA: VLR9 9680 f/d "Map" cd. in 1½ mo.(McDavitt-NY). VLI6 6090 f/d cd. in 3 wks.(Clark-AZ). R. Australia via Shepparton on 9580 w/ "Lily" cd. in 81 ds. for 1 IRC.(Newhall-CT). in 30 ds. w/ "Mallee Gum" cd. for 1 IRC.(Fraser-MA). via Lyndhurst on 5995 w/ "River Boat" cd. in 4 mo. (O'Riordan-ID). 15160 in 13 ds. w/ "Lily Flower" cd.(Watts-AUST). 9770 in 23 ds. for 1 IRC w/ "Alpine Dingo" cd.(Klasek-MO).

AUSTRIA: ORF 5945 f/d "Moosbrunn" cd. in 27 ds. (Eastman-TX). same cd. for 21555 in 3 mo. for 2 IRCs.(Vernetti-KWAJ). 6165 w/ f/d "Art" cd. in 54 ds.(Byron-NY). in 13 wks w/ sticker. (Klein-FL). 5945 w/ f/d "Glass Tower" cd. in 38 ds. for 1 IRC. (Clifford-WA).

AZERBAIJAN: R. Baku 4958 f/d home service cd. in 6 wks. (Barto-CT).

BELGIUM: ORU 6080 f/d "Logo" cd. in 99 ds. for 1 IRC.(Dittrich-FL). in 28 ds. for 1 IRC.(Hughes-MAN).in 47 ds.(Micciche-NY). in 75 ds. for 1 IRC.(Newhall-CT). same cd. in 87 ds. for 1 IRC. v/s David Monson.(Clifford-WA). in 6 wks. w/ LetterBox program script. (Rubin-CA).

BOUGANVILLE: R. North Solomons 3322.5 f/d "Map" cd. in 2 mo. for 2 IRCs. QSL via Boroko.(Klein FL).

BRASIL: R. Relogio Federal 4905 ltr. in 3 wks. for a PT rpt. v/s Olindo Azeredo Coutinho.(Barto-CT). in 23 ds. for a PT rpt. and 2 IRCs. (Tushscherer-WI). in 2 mo. for a PT rpt., tape and ms (Lobdell-MA). R. Jornal do Brasil 4875 orange, white and black folder cd. in 1 mo. for a PT rpt. (Barto-CT).

MORE GOODIES TO COME
NASWA-FRENDX

LA VOIX DE LA RENOVATION

This is RTVGs new QSL card as submitted by Charlie Hoffman in PA.

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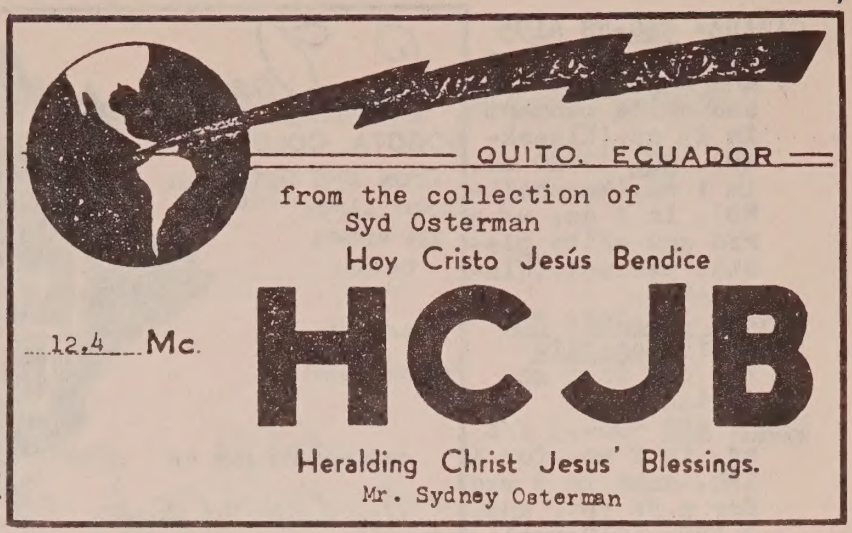
BRASIL: R. Nacional 11780 f/d cd. in 1 mo. for ms. which were returned.(McDavitt-NY). R. Poti 4965 f/d ltr. in 127 ds. for a PT rpt. v/s Fabio Sinedino, Gerencia Tecnica. (Hoffman-PA)...Nice QSL Charlie...Sam. R. Cultura de Sergipe 4775 f/d ltr. in 168 ds. for a PT rpt. v/s Gama Filho, Gerente Tecnico.(Hoffman-PA). Rarely rptd!...Sam. R. Brasil Central 4985 f/d ltr. in 3½ mo. for an EG rpt and 1 IRC. (O'Riordan-ID). in 79 ds. for a PT rpt. and ms. (Hoffman-PA). in 3 wks. for a PT rpt.(Barto-CT)



BRUNEI: RTVB 7215 via Bandar Seri Bagawan w/ "Map" cd. in 64 ds. for 3 IRCs.(Hensley-TX).

BULGARIA: R. Sofia 7115 "Boulevard" cd. in 63 ds. (Micciche-NY). in 71 ds.(Eastman-TX). same cd. for 9705 in 5 wks.(Kapinos-MA). in 7 wks.(Wendt OR). 9700 w/ f/d "Nevsky Memorial Cathedral" cd in 121 ds. for 2 IRCs.(Vogelman-NY).

BYELORUSSIA: R. Moscow via Orsha on 7105 w/ f/d cd. in 6 wks.(Alm-BC). in 5 wks.(Barto-CT). via Minsk on 15150, 11770, 15490 in 5 wks.(Barto-CT)

CAMEROON: R. Garoua 5010 f/d form ltr. in 10 wks. for an EG rpt. and ms. v/s Eboo Zame Maurice. (Howard-CA). in 2 mo. for ms.(McDavitt-NY). Radio Yaounde 4850 f/d ltr. in 3 mo. for an EG rpt. and ms. v/s I.L. Sah.(O'Donnell-PA). R. Bertoua 4750 FR form ltr. in 3 mo. after 2 follow-ups.(Field-MI).

CANADA: CKFX 6080 Vancouver "Super Country" cd. in 11 wks. Card states only 10 watts!!!(Howard-CA). same in 34 ds.(Hughes-MAN).in 5 wks. for 1 IRC which was returned.(Rubin-CA)...Very nice indeed gang!!! CHU "Fleming" cd. in 14 ds.(Klasek-MO). CFCX 6005 Caughnawaga "CFCF" cd. in 34 ds.(Howard-CA). in 23 ds. for 1 IRC.(Cucura-PA). CFRX 6070 Toronto w/ "Marine Mobile" cd. in 9 ds. for 1 IRC.(Newhall-CT).

The NASWA bulletin is the finest SWBC DX Club in the world. This is made possible by your contributions. I use all QSL items that are reported to me. Your QSL is no less important than anyone elses. Keep the reports coming!!!

THE FORCES BROADCASTING SERVICE

Radio SEAC, Ceylon

191 Turret Road, Colombo. Tel:—9260 & 9269

Ref :- TX/CE/10. 16th May, 1949.

Dear Sir, from the collection of Syd Osterman

We acknowledge with thanks your letter dated 14th March, 1949 concerning reception at New York, U.S.A. of our transmission on 17770 kc/s - 16.88 m.

Reports and suggestions from listeners are most welcome.

Thank you very much for submitting these older QSLs to the column. If you or any of our other readers have some of these older QSLs in their collections, we would be very glad to illustrate them in NASWA.

Yours faithfully,

(Edward Bonning)
Chief Engineer.

CANADA: CBC-NS 6195 "Horizon Suns" cd. and a plastic blue and white pennant in 25 ds.(Klasek-MO). RCI 17820 cd. in 1 wk.(Marshall-ND). in 7 ds. w/ a red and white plastic pennant.(Klasek-MO).

CANARY ISLANDS: REE 11815 Tenerife f/d cd. in 1 mo. (Prisco-PA).

CHAD: RNT 4904.5 f/d cd. in 2 mo. for 1 IRC. same in 3 wks for a FR rpt. and 3 IRCs.(O'Donnell-PA). same in 1 mo. for a FR rpt.(Barto-CT).

CHILE: VO Chile 15150 cd. and stamps in 11 mo. v/s Georges Grechnoff, Coordinator.(Kamp-CA). same cd. in 9 wks. for 15150, 17800 and 15175.(Barto-CT) 9560 f/d cd. in 3½ yrs. for a SP rpt.(Underdown-AR). 15130 in 42 wks. for an EG rpt. and 1 IRC.(Woods-VA).

CHINA: RP 15520 f/d "Yao Mountains" cd. in 10 ds.(Brouillette-MI). in 17 ds. (Dittrich-FL). 7470 w/ f/d cd. in 1 mo.(Kapinos-MA). 17680 cd. in 21 ds. w/ magazines(Byron-NY). 15060 f/d cd. in 19 ds. for 1 IRC. Also rcvd. a beautiful pennant.(Klasek-MO)...Leslie Byron rcvd. a QSL for a reception on 1/3/79 for 15060. It was addressed to a Mr. Bryant. If this is your cd. you can contact Leslie at: 128-10 237th St., Laurelton, NY. 11422...Sam.

COLUMBIA: R. Guatapuri 4815 ltr. in 35 ds. for a SP rpt. and ms. v/s Aliz Maria Dazac. (Clifford-WA). R. Mira 6015 personal ltr. in 3 mo. for a SP rpt. Postcard and stickers also rcvd. v/s Carmen Obando, Secretaria General.(Lobdell-MA)...Nice QSL Chris...Sam. RN 15335 "Bucaramanga" cd. in 95 ds. for a SP rpt. v/s Juan Climaco Arbelaez.(Gionet-NB).

COSTA RICA: TIFC 5055 f/d yellow and purple cd. in 115 ds. for an EG rpt. & 1 IRC. v/s Mary H. Steele.(Onken-IL). same in 84 ds. for an EG rpt. and 1 IRC. This is my C/V #100!!!(Desrosiers-MA)...Nice round number...Sam.

CUBA: RHC 11760 f/d black and blue cd. in 100 ds. w/ pennant.(Micciche-NY).

CYPRUS: BBC Relay 11740 cd. in 5 wks.(Alm-BC).

CZECHOSLOVAKIA: RP 2 cds. in 40 ds.(Dittrich-FL). in 7 wks.(Kapinos-MA).

DODECANESE (RHODES): VOA 6015 f/d "Seasons" cd. in 5 ds.(O'Donnell-PA).

ECUADOR: RN Espejo 4688 f/d cd. through the efforts of Clayton Howard of HCJB.(Field-MI)...Rare QSL...Sam. R. Tarqui 4970 f/d prepared cd. for a 1974 reception w/ the help of Clayton.(Field-MI). R. Quito 4920 blue and white folder cd. in 106 ds. for a SP rpt. and ms. v/s Jose Almeida. (Hoffman-PA). R. Luz y Vida 4850 beautiful cd. in 49 ds. for a SP rpt. and ms. v/s Senora Enma Encarnacion. (McVicar-ONT). HCJB 11915 f/d "Home in the Jungle" cd. in 85 ds. (Micciche-NY).

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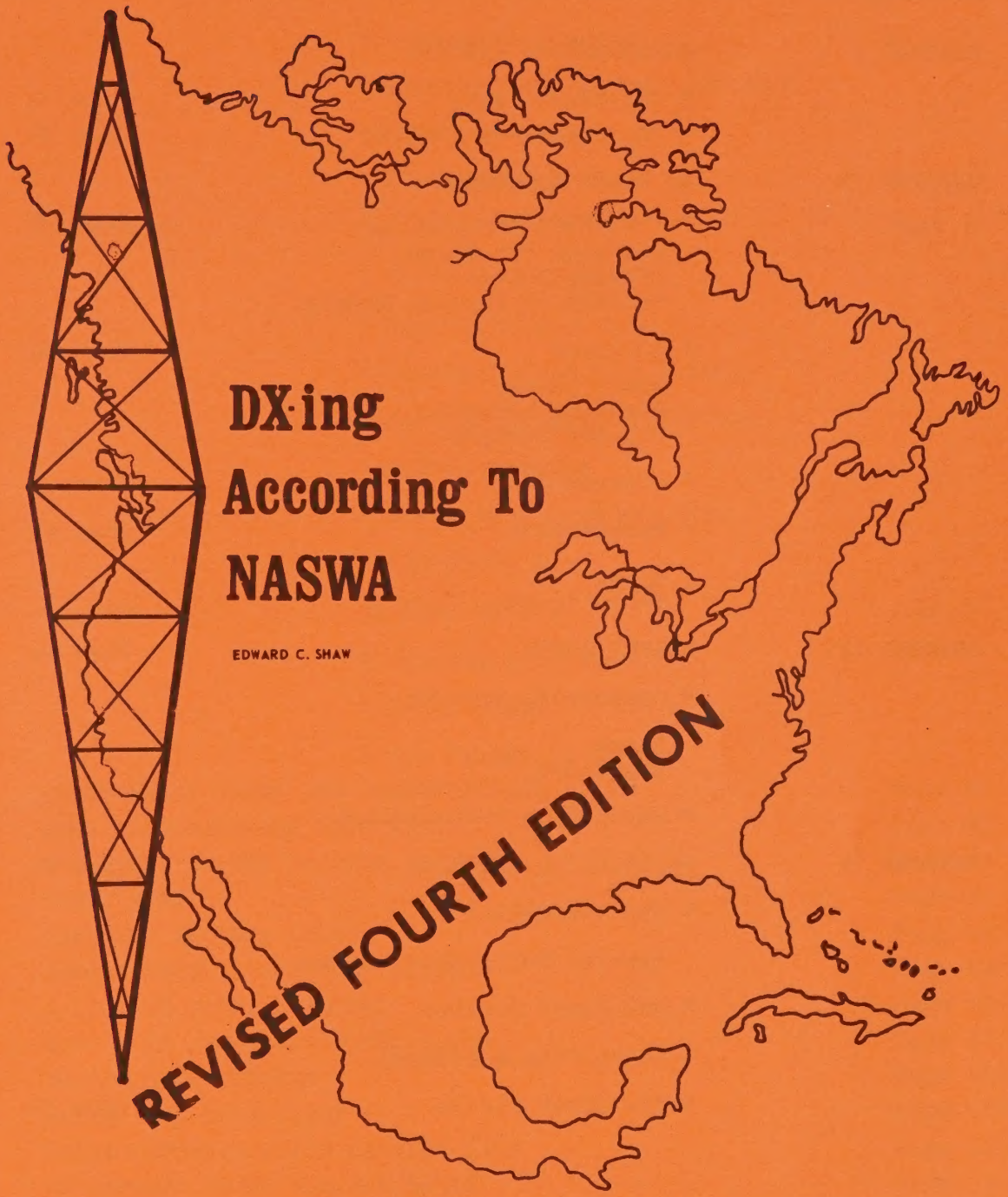
PRESENTS



DX·ing According To NASWA

EDWARD C. SHAW

REVISED FOURTH EDITION

NORTH AMERICAN SHORT WAVE ASSOCIATION
POST OFFICE BOX 13
LIBERTY, INDIANA 47353 U.S.A.

DXING ACCORDING TO NASWA

BY

EDWARD C. SHAW

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NASWA

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.

"DXing According to NASWA" is a comprehensive 144 page handbook compiled by NASWA charter member and well known DXer, Edward C. Shaw of Lexington, Kentucky. Originally published in November, 1975, it is now in it's fourth printing after having been updated to include the most recent developments within the hobby which have occured since the last revision.

The idea to compile "DXing According to NASWA" originated several years ago when it was apparent that NASWA's membership was beginning to attract increasing numbers who were brand new to the hobby, and that many of the newer members had many questions that needed simple answers in easy to understand language. It was also recognized that few such references were available in the libraries and on the news stands which would answer most of these questions. The need for an expensive handbook for the beginner was apparent so "DXing According to NASWA" seemed to be the answer.

As will be noted from the table of contents, many facets of the SW hobby are covered and will answer hundreds of questions about our hobby as well as some of the more technical aspects. Many pages have been devoted to antennas, information on available receivers, and many drawings and photos supplement the text.

Although written with the new DX hobbyist in mind, and the title reflects loyalty to NASWA, the book is literally jammed full of information essential to the hobbyist regardless of experience or club affiliation, (if any).

The book, off-set printed, 5-1/2" X 8-1/2", is very reasonable priced and should be within the budget of almost everyone. The price is $4.50 including fourth class book rate postage and handling, mailed anywhere in North America. An additional .75 cents will bring it first class mail anywhere in North America. It is available for $7.00 by airmail worldwide outside of North America.

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* *

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ECUADOR: R. La Voz del Triunfo 3260 nice 2 page personal ltr. w/ color photo in 6 wks. for a SP rpt. and ms. v/s Manuel M. Yanez O., Gerente Propietario.(Lobdell-MA)...Great QSL! R. Splendit 5025 f/d personal ltr. in 1 mo for a SP rpt. and ms. v/s Edmundo Valencia, Gerente.(Lobdell-MA). Ondas Azuavas 4980 ltr. in 30 ds. for a SP rpt. and ms. v/s Dr. Jose A. Cardosa (Hoffman-PA). same in 39 ds. for a SP rpt. and ms.(McVicar-ONT). HCJB 9745 f/d cd. in 24 ds.(Klasek-MO).

EGYPT: R. Cairo 9475 f/d "Market" cd. in 362 ds.(Dittrich-FL). in 102 ds. for 1 IRC.(Newhall-CT). f/d "Pyramid" cd. in 157 ds. for 1 IRC.(Hughes-

ENGLAND: Voice of Britain f/d cd. for 1 IRC. for a reception on 6225 MAN). while I was in the UK.(McDavitt). BBC 9580 and 11955 "Bridge" cd. in 29 ds.(Klasek-MO). 11775 cd. in 75 ds.(Micciche-NY).

ESTONIA: Radio Moscow via Kingisepp on 9760 cd. in 6 wks.(Barto). same in 1 mo. for the World Service transmission.(Sparks-CA).

EUROPEAN RUSSIA: R. Moscow via Tula (???) on 21490 in 30 ds.(Desrosiers-MA). in 1 mo. (Barto-CT). 7340 and 7160 in 6 wks.(Barto-CT). 7340 in 5 wks. (Kapinos-MA). 12020 in 31 ds.(Desrosiers-MA). via Voronezh on 12060 in 23 ds.(Prisco-PA).in 50 ds.(Marshall-ND). via Moscow on 9490 in 47 ds.(Marshall-ND). 7440 in 2 mo. and 15450 in 47 ds.(Marshall-ND). 15525, 6130, 9490, 11630, 6010, 7260, 7400, 7440, 15440, 7290, 15520, 15460 and on 9600 in @ 1 mo.(Barto-CT). via Armavir on 15470, 12055, 9620, and on 7205 in 5 wks.(Barto-CT). 7205 in 6 wks.(Alm-BC). in 44 ds.(Klein-FL). via Ryazan on 15440, 11980, 9720 in 5 wks.(Barto-CT). via Zhigulevsk on 9785 in 6 wks.(Barto-CT). via Leningrad on 11755 in 1 mo.(Barto-CT). via Serpukhov on 17730 in 1 mo.(Barto-CT). via Kazan on 7230, 17820, 7200, in @ 1 mo. (Barto-CT). via Voronezh on 15135 in 1 mo.(Barto-CT).via Vologda on 15350 in 91 ds. My 45th site!!!(Gionet-NB).

FED. REP. GERMANY: Sender Freies Berlin 6190 Bremen f/d "Map" cd. in 85 ds. for 2 IRCs.(McVicar-ONT). same in 1½ mo.(Klein-FL). Sudwestfunk 7265 Rohrdorf f/d cd. in 6 wks. for 1 IRC. v/s Dr. Schorken, Tech. Dir.(Lazarus-LA). same in 6 wks.(Klein-FL). Suddeutscher Rundfunk 6030 Muhlacker f/d cd. in 2 mo. (Prisco-PA). same in 74 ds. for an GM/EG rpt.(Leithner-TN). same in 73 ds. (Howard-CA). Bayerischer Rundfunk 6085 Munchen "Antenna" cd. in 13 ds. for 1 IRC.(Howard-CA). in 28 ds.(Gionet-NB).

FINLAND: FIR 15400 and 15265 "Architecture" cd. in 3 wks.(Barto-CT). 11735 "Industry/Shipping" cd. in 27 ds.(Klasek-MO).

FRANCE: RFI 17850 f/d photo cd. in 21 ds. for a FR rpt. and 1 IRC. Also rcvd 2 blue and white pennants.(Clifford-WA).

THE BRITISH BROADCASTING CORPORATION

191, Turret Road, Colombo, Ceylon

TELEPHONE: COLOMBO 9269 CABLES: LONCALLING COLOMBO

Mr.S.Y.Osterman,
450 Beach 124 St.,
Rockaway Park,
NEW YORK.
U.S.A.

20th June 1949.

Dear Mr.Osterman,

Thank you for your Reception Report dated June 5th on our 15 megacycle transmission, the details of which I confirm.

I am sorry that I am unable to help you in tracing your report to Radio Seac as that organisation ceased to operate on April 1st and the transmitters over which the Radio Seac programme was broadcast are now being used to carry transmissions by the BBC. I enclose a copy of our basic schedule which may be of assistance to you. As you will see, we broadcast on two frequencies, one in the 15 megacycle band directed to North China and Japan and the other in the 21 megacycle band directed to Malaya and the N.E.I. The former transmission is on a power of 100 kilowatts and the latter on a power of 7½ kilowatts.

Yours faithfully,
THE BRITISH BROADCASTING CORPORATION

J F Mudie

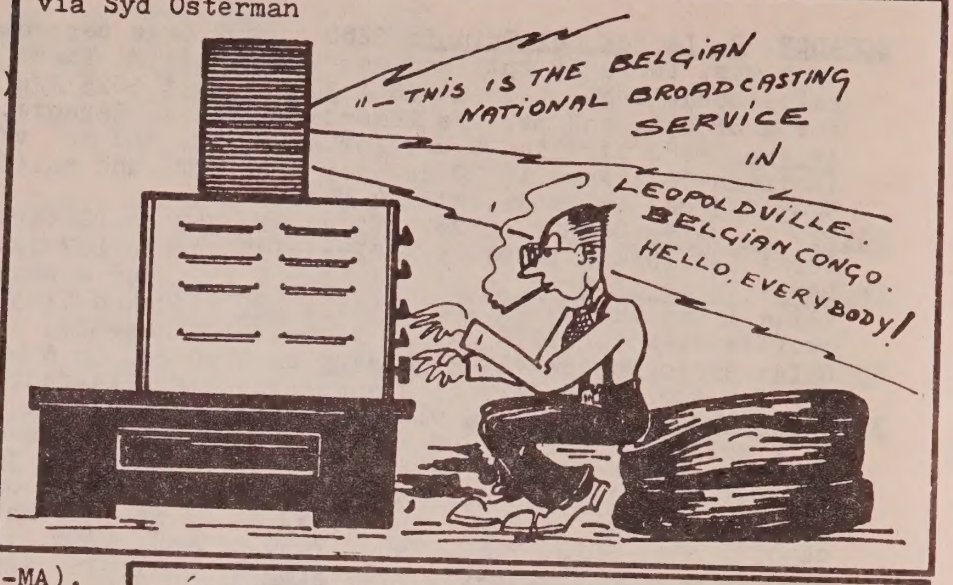
(J.F.Mudie)

GABON: RTVG 4777 cd. in 6 mo. for a FR rpt. and 2 IRCs. (Bishop-PA) This is my C/V # 150...Another even number. in 6 wks. for a FR rpt. and 2 IRCs.(Lazarus-LA) in 64 ds. for an EG/FR rpt. and 2 IRCs.(Onken-IL). 7270 in 39 ds. via the Melen site! for a FR rpt. and 1 IRC. (Klein-FL). Very good QSL!...Sam.

GEORGIA: RM via Tbilisi on 9795 in 5 wks.(Kapinos-MA). same in 5 wks.(Barto-CT) 15305 in 1 mo.(Barto-CT)

GERMAN DEM REP: RBI 11890 f/d "Castle" cd. in 5 wk w/ usual enclosures.(Wendt-OR). 9730 in 1 mo. (Kapinos-MA).

via Syd Osterman



RÁDIO OITO DE SETEMBRO LTDA.
RUA JOSÉ BONIFÁCIO, 765 - 1.o ANDAR - FONE 83-1402
CAIXA POSTAL N.o 08
DESCALVADO

GHANA: GBC 4915 f/d cd. in 5 mo. for 1 IRC.(McDavitt-NY).

GREECE: VOG 11730 f/d "ERT" cd. in 7 wks.(Wendt-OR). same in 54 ds. for 1 IRC(Newhall-CT)

GRENADA: RG 15105 f/d brown cd. in 13 wks. for 1 IRC. (Kapinos-MA).

GUAM: TWR KTWR 11850 f/d "Map" cd. in 15 ds.(George-TX).

GUATEMALA: R. Maya de Barillas 3325 f/d "Warrior" cd. in 110 ds. for an EG/SP rpt. and 1 IRC. v/s Loran W. Veithe, Gerente.(Desrosiers-MA). in 120 ds. for a SP rpt. and 1 IRC.(Hoffman-PA). in 54 ds. for an EG rpt.(Tuchscherer-WI). in 38 ds. for a SP rpt. and 1 IRC. (Brouillette-MI). in 1½ mo. (Porter-CT). in 1½ mo.(Twiggs-CT). in 104 ds. for a SP rpt. and 2 IRCs.(Gionet-NB). RN TGNA 3300 f/d "Quetzel" cd in 118 ds. for an EG rpt. and 1 IRC. Nice looking card.(Dittrich-FL).

GUYANA: GBS 5950 f/d ltr. in 40 ds. for 1 IRC. v/s G. Flood for L.R.C. Case. (Klein-FL). in 97 ds. for 1 IRC.(Desrosiers-MA). in 2 mo.(Barto-CT). in 34 ds. w/ stamps.(Buras-LA). 3290 f/d ltr in 1 yr.(Prisco-PA).

HAITI: R. Soleil 1170 (BCB) Father Ray Conard states that this station will soon open a SW outlet.(Barto-CT).

HAWAII: WWVH 10000 f/d "Aloha" cd. in 14 ds. v/s C.L. Trembath.(Baker-DL). in 15 ds. for 15000(Klasek-MO).

HOLLAND: RN 15220 "Windmill" cd. in 1 mo. (Marshall-ND). same cd. for 11730 in 1½ mo.(Marshall-ND). 9895 f/d cd. in 12 ds. for 1 IRC.(Cucura-PA).

HUNGARY: Radio Budapest 6000 f/d "DX Club" cd. in 6 wks.(Kapinos-MA).

INDIA: AIR 4800 Hyderabad f/d cd. and a personal ltr. in 2 mo. Report was sent direct to station.(Field-MI). 11810 via Aligarh in 6 wks.(Field-MI). Two nice QSLs Marlin...Sam.

IRAQ: R. Baghdad 9745 "Ahrar Bridge" cd. and pennant in 71 ds. for 3 IRCs. (Marshall-ND).in 11 wks. for 1 IRC. (Kapinos-MA). in 108 ds.(Eastman-TX). in 80 ds. for 1 IRC.(Newhall-CT).

via Syd Osterman

Listen in to the Rádio JORNAL DO COMMERCIO in Pernambuco, Brazil, to hear JANET SLATER SWATON, our announcer in English, greeting you!

ISRAEL: IBA 9815 f/d "Map" cd. in 5 wks. for 1 IRC.(Kapinos-MA). same in 60 ds.(Calderwood-CO). in 9 wks.(Howard-CA). 11655 f/d "Tribes" cd. in 78 ds. for 3 IRCs.(George-TX)...Leslie Byron recently rcvd. a ltr. from Yishai Eldar, Program Editor of the IBA stating that 'the IBA does not require pre-paid postage or IRC coupons of its overseas listeners...Sam.

ITALY: IBF 5000 Turin "Logo and Time" cd. in 18 wks.(Klein-FL). same f/d cd. in 1 mo. for 1 IRC.(McDavitt-NY). RAI 6010 cd. in 102 ds. for 1 IRC.(Fraser-MA).

IVORY COAST: R. Abidjan 7215 "SWL" cd. in 204 ds. for a FR rpt.(Gionet-NB). 11920 w/ same cd. in 24 ds.(Harrington-CO). in 52 ds. for an EG rpt. and 3 IRCs.(George-TX).

JAPAN: RJ 17825 f/d "Bamboo Grove" cd. in 77 ds. (Brouillette-MI). 17825 w/ "Tachibina Dolls" cd.(Clifford-WA). 15270 cd. in 38 ds.(Fraser-MA). NSB 6055 f/d "Get Together" cd. in 27 ds. for 1 IRC.(Gionet-NB). NHK 6130 Kumamoto f/d ltr. in 26 ds. v/s Satoshi Kimura, Public Relations Bureau.(Howard-CA). NHK 3259 Sendai same f/d ltr. in 7 wks.(Howard-CA). JJY 5000 "Painting" cd. in 88 ds. for an EG rpt.(Klein-FL).

JAVA: VOI 11790 f/d cd. in 2 mo. for an EG rpt. This is my first INDO!!!(Prisco-PA). same in 7 mo. for 1 IRC. (Berezowski-ALB). 11789 w/ cd. in 3½ mo.(Bishop-PA).

KIRZHIZ: RM 11820 via Frunze w/ f/d cd. in 44 ds(Klein-FL)

KOREA, REP: RK 9720 f/d "Alpinist" cd. in 32 ds. for 2 IRC Also rcvd. pennant.(Vogelman-NY). 7550 f/d cd. in 1 mo. for 1 IRC.(McDavitt-NY). same cd. w/ pennant in 5 wks. for 1 IRC.(Miller-WV). in 28 ds. w/ "Buddah" cd. and one of their pennants.(Gionet-NB).

KUWAIT: RK 12085 f/d folder "Castle" cd. in 6 mo.(O'Donnell-PA) same in 7½ mo. for 1 IRC.(Berezowski-ALB).

LATVIA: RM 15220 via Riga cd. in 5 wks.(Barto-CT). same in 44 ds v/s Olga Milyaeva, RMWS(Klein-FL). R. Riga 5935 f/d cd. in 3½ mo.(Lobdell-MA). same "Costume" cd. in 100 ds. Also rcvd. a pennant. This was my third pennant from them.(Gionet-NB).

LESOTHO: LNBS 4800 rejection form ltr. from L. Letele, Station Engineer.(Sgrulletta-NY)...Shades of Niger!...Sam.

LIBERIA: ELWA 11860 f/d "Native" cd. in 2 mo. for 3 IRCs.(McDavitt-NY). same in 14 wks.(Kapinos-MA). 11830 w/ f/d cd. in 83 ds. for an EG rpt. and 1 IRC.(Dittrich-FL).

LIBYA: SPLAJBS 15100 f/d ltr. in 5 mo. v/s Abdul Rezag Nouh. Station asked for more reports. This is my C/V #100!!!(Prisco-PA)...Great!

LUXEMBOURG: RTVL 6090 f/d "Antenna and Crest" cd. in 51 ds.(Micciche-NY).

MALAGASY: R. Nederland 11730 f/d "Canal Scene" cd. and pennant w/ station stickers in 16 ds.(Klasek-MO). "Costume" cd. in 2 mo.(O'Riordan-ID). "Windmill" cd. in 2 mo.(McDavitt-NY). 11740 cd. in 3 wks.(Kapinos-MA).

MALAWI: MBC 3380 f/d ltr. in 2 mo. for ms.(McDavitt-NY).

MALTA: R. Mediterranean 9670 f/d "Map" cd. in 17 ds.(Klein-FL).

MEXICO: R. Huayacocotla 2390 green and white cd. in 37 ds. for a SP rpt. and 1 IRC. v/s Jorge Villalobos G.,(George-TX). same in 96 ds. for a SP rpt. and ms. (McVicar-ONT). R. Mexico 15430 f/d cd. in 1 mo. for a SP rpt Pennant rcvd.(Prisco-PA).

MONACO: TWR 7105 f/d "Map" cd. in 40 ds. for ms. (O'Donnell-PA). in 21 ds. for 2 IRCs.(Hughes-MAN).

MOROCCO: RTVM 6190 via Sebaa Aioun, f/d tri-lingual cd in 3½ wks. for a FR rpt. (Bishop-PA).

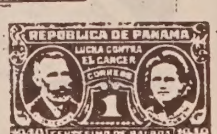
TXMTER: RCA 1KW

Hello Sidney:

Many Tnx for your report.

Yours truly,

RADIO ATLANTICO



MR.

Sydney J. Osterman

450 Beach 124 St.

Rockaway Park, New York

from the collection of

NEADXO-HAP AUCTION: BID ITEMS

The reaction last month to selling various items in behalf of HAP through the QSL Column has been fantastic! I can't believe the responce. Three days after I received my copy of FRENDX, I had over 40 letters from our great and responsive members. Thankyou. I guess you've been waiting for more items so here goes...

If you would like to make a donation to the HAP Program and become the owner of one of the following items, submit your bid to me immediately for the item or items that you wish to purchase. I will announce the name and the top bid for each item in the June QSL Column...

ITEM #1. Radio Ulah Bator pennant (13" red and blue).
ITEM #2. Central B/Cing System pennant (11" x 6.5" red,white,blue,yellow)
ITEM #3. Radio Veritas Asia pennant (5.5" red and blue).
ITEM #4. Radio Peking (set of 4 different scenic views 10.5" in length)
ITEM #5. Radio Canada International and CBC Northern Service pennants. RCI (9" red and white) CBC-NS (3.5" x 8.5" white and blue).
ITEM #6. TGVN La Voz de Nahuala pennant (6" x 8.5" red, green, black).
ITEM #7. Deutsche Welle pennant (@12" long white and blue).
ITEM #8. Radio Yugoslavia pennant (@7" long light blue).

Remember to submit your bid to me prior to my typing of the June Column. If space permits, I will list more article later in the QSL Column.....Sam.

NEW BRITAIN: R. East New Britain 3385 f/d "Map" cd. via Boroko in 3 mo. for ms. and an EG rpt.(Howard-CA). in 6 mo. for 2 IRCs(Klein-FL).

NEWFOUNDLAND: CKZN 6160 St. Johns "Montage" cd. in 3 mo. for 1 IRC. v/s F.H. Holm, Engineer. Stu reports that he has been DXing for 17 mo. and this is his 100th country verified! (Klein-FL).

NEW ZEALAND: RNZ 17710 f/d "Rugby" cd. in 19 ds. for 1 IRC. Also rcvd. pennant.(Colacarro-MA). 17770 "Geyser" cd, in 13 ds.(Watts-AUST).

NICARAGUA: RN 5950 ltr. in 135 ds. for a SP rpt. and ms. v/s Orlando Meza Lira, Director General.(Hoffman-PA).

NIGERIA: VON 11770 via Ikorodu f/d "Flag" cd. in 70 ds.(Eastman-TX). in 63 ds. for 1 IRC which was returned!(Dittrich-FL). 7245 in 31 ds. for 3 IRCs (Vogelman-NY)... With all their oil money, I wish they would issue a new QSL card. Similiar situation for the BSKSA...Sam.

NORTH SOLOMONS(BOUGANVILLE): R. North Solomons 3322.5 f/d "Map" cd. in 46 ds for 2 IRCs. v/s Jack Arifeae.(Tuchscherer-WI)...See earlier reference to this country. My error....Thanks for the idea John!...Sam.

NORWAY: RN LLJ-4 17840 f/d "Winterin Norway" cd. in 75 ds.(Micciche-NY). 9645 w/ same cd. in 64 ds. w/ small flag(Byron-NY).same cd. for 15175 in 16 ds. for 1 IRC (Schmidt-WI). 9645 f/d "Autumn at Lake Gjende" cd. in 18 ds. for 1 IRC. Flag was also rcvd.(Klasek-MO).

PAKISTAN: RP 17640 and 15515 beautiful "Scenic" cd. in 5 wks.(Barto-CT). in 37 ds. for 11675 w/ same cd.(Johnson-WA).

PAPUA NEW GUINEA: NBC 4890 Port Moresby f/d "Map" cd. in 35 ds. for 1 IRC. (Miller-WV). same in 1 mo. for 1 IRC.(O'Riordan-ID). R. Madang 3260 f/d cd. in 2 mo. for 2 IRCs.(Klein-FL). R. East Sepik 3335 same cd. in 2 mo. for 2 IRCs.(Klein-FL).

We're starting to build up again. This month we have about 108 countries reported by our readers...Sam.

PERU: R. Loreto 5050 personal ltr. in 1 mo. after a follow-up was rcvd. for a SP rpt. and ms. v/s Carlos Alberto Picon S., Locutor.(Lobdell-MA). This is an excellent and rarely reported QSL. Lets have more gang...Sam.
PHILIPPINES: R. Veritas Asia 9590 f/d cd. in 27 ds. for 2 IRCs. v/s Mrs. Larissa Paner Malinao, Audience Relations Officer.(Cucura-PA). FEBC 9755 f/d cd. in 2 mo.(Barto-CT). 17810 f/d "30 Years of B/Cing" cd. in 6 mo. v/s Zeny Visca, QSL Secretary.(Leithner-TN).in 5 wks for 2 IRCs(Golden-IL).
POLAND: Polskie R. 11815 f/d "Sailboat" cd. in 4 mo. for 1 IRC.(McDavitt-NY). "Polskie R." cd. in 73 ds. for 1 IRC.(Dawson-ALT).
PORTUGAL: RP 11935 f/d cd. in 22 ds.(Wendt-OR). f/d "Geres" cd. in 27 ds. for 1 IRC.(Hughes-MAN). same in 19 ds. for 1 IRC.(Byron-NY). 6025 w/ f/d "Town Hall" cd. in 18 ds. for 1 IRC.(Colacarro-MA). 11955 in 18 ds.(Klasek-MO).
RHODESIA: RBC 3396 f/d large "Map" cd. in 17 ds. for 2 IRCs.(Calderwood-CO)...One of the largest QSL cards I've ever seen...Sam.
ROMANIA: R. Bucharest 9570 f/d "Bilea Chalet" cd. in 125 ds.(Hughes-MAN).
SABAH: R. Malaysia Sabah 4970 Kota Kinabalu "Map" cd. in 6 wks. for 1 IRC. (Alm-BC).
SARAWAK: R. Malaysia Sarawak 4950 "B/C House" cd. in 50 ds. (McCarthy-FL)...Thanks for the call on this one...Sam. same in 24 ds.(Wendt-OR). in 15 ds. for 2 IRCs.(Concannon-CA). 3385 via Miri w/ same cd. in 1 mo. for 1 IRC.(O'Riordan-ID).
SAUDI ARABIA: BSKSA 11855 f/d "Logo" cd. in 27 ds. This was after a follow-up rpt.(Desrosiers-MA)...Unusual for the BSKSA. They are usually a very good verifier...Sam. in 5 wks for 15060(Barto-CT). f/d cd. in 3 mo.(McDavitt-NY).
SIERRA LEONE: SLBC 5980 f/d ltr. in 174 ds. v/s H.A. Lynch. This is from the Waterloo site.(Eastman-TX).

NOTE: Just as I finished typing Sierra Leone the mailman rang my doorbell. I received 47 letters from you requesting some of the goodies from the last issue. I will fill your orders on a first come first served basis. If I run out of something I hope you understand...Submit your bid! I can't run out of these items for a month...Sam.

COMMONWEALTH OF AUSTRALIA

IN REPLY PLEASE QUOTE L:9093

RADIO AUSTRALIA

SHORTWAVE DIVISION, DEPARTMENT OF INFORMATION
475 375-COLLINS STREET, MELBOURNE, C.1

TELEPHONE: MU 8726 CABLES, TELEGRAMS: "NEWSCAST"

Dear Mr. Osterman, April 19th, 1948.

Thank you for your recent letter reporting reception of the Australian overseas shortwave service. The details of your reports conform with our logs, and verifications are enclosed.

Listener's reports and observations are welcomed by the programme and technical staff of "Radio Australia". Such reports assist in maintaing a high standard of overseas programme-reception., We hope you will continue to tune to our broadcasts and favour us with details of your observations from time to time.

The National Broadcasting Service at Wellington, New Zealand, plans to commence a shortwave service for the Pacific area some time this year. Frequencies have been allocated in the 49, 31, 25, 19, 16, and 11 metre bands, and two new ten kilowatt transmitters installed in the Wellington transmitting site. Experimental broadcasts have been carried out on frequencies in the 25 and 31 metre bands, on beams directed to Australia. The actual date when regular broadcasts will be made is as yet unknown.

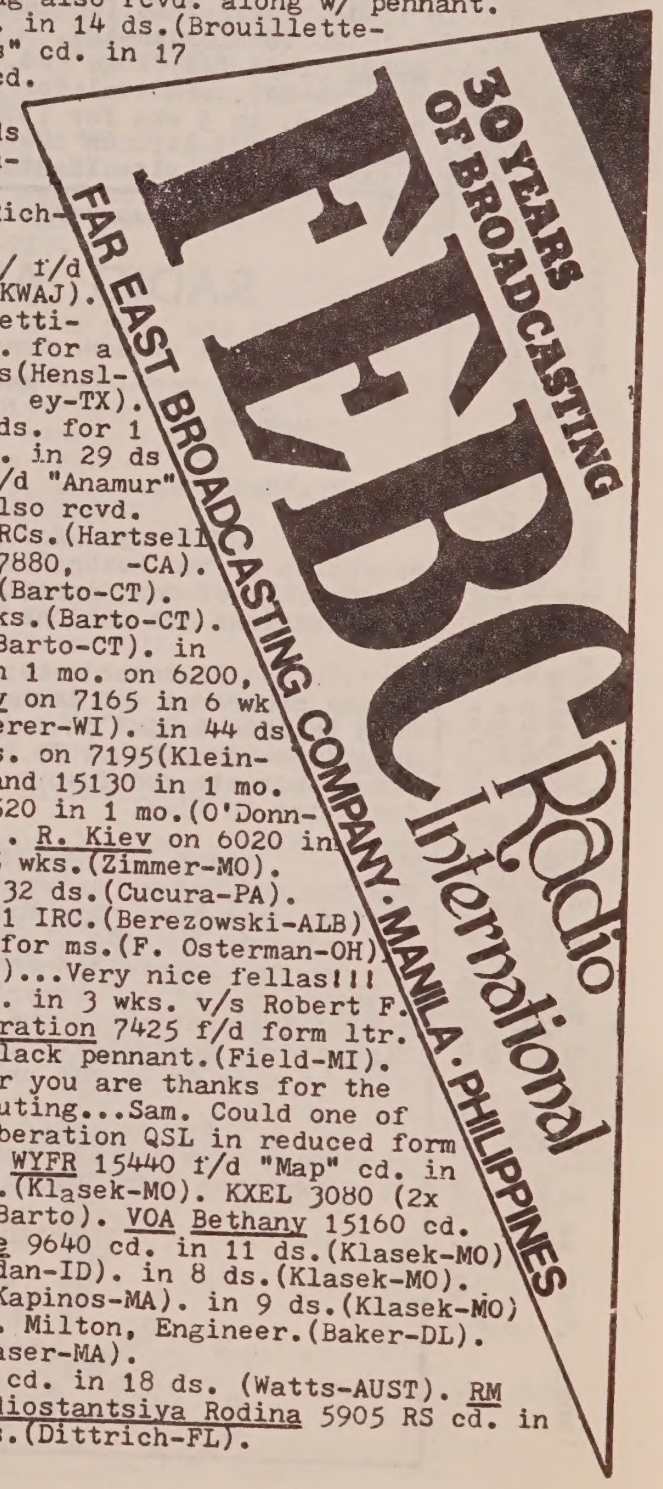
The enclosed schedule covering our overseas shortwave service will serve as a guide to you when tuning to programmes from "Radio Australia".

With best wishes

Yours faithfully,
Robin Wood

Robin Wood.
Programme Manager.

SOUTH AFRICA: R. RSA 25790 "Surf City" cd. in 28 ds.(Underdown). in 21 ds. for 1 IRC.(Fraser-MA). same cd. for 11900 in 22 ds.(Concannon-CA). 25790 w/ f/d "Johannesburg" cd. in 6 wks.(Barto-CT). same w/ "Industries" cd. in 1 mo. Also rcvd. Springbok Radio pennant!(Kapinos-MA). same cd. for 11900 in 19 ds. w/ pennant.(Klasek-MO). ZUO 5000 f/d ltr. in 23 ds. for 1 IRC. v/s R. Lake.(Desrosiers-MA).
SPAIN: REE 11880 f/d "Carteles Turisticos" cd. in 35 ds. for 3 IRCs.(Baker-DL). f/d "Sevilla" cd. in 28 ds. w/ station stickers.(Klasek-MO).
SRI LANKA: SLBC 15425 f/d "Map" cd. for AWR B/C in 2 mo.(McDavitt-NY). VOA 15185 via Colombo w/ f/d "Scenes" cd. in 5 ds.(O'Donnell-PA).
SUMATRA: RRI Pekanbaru 5885 ltr. in 6 wks. for an IN rpt. and 2 IRCs. v/s Azil Azwar, Station Manager.(Alm-BC)...Fine QSL!!!...Sam.
SURINAM: R. SRS 4780 f/d cd. and ltr. in 2 yrs. for an EG rpt. and ms. v/s Edith R. Russel, QSL Manager.(Lazarus-LA). same in 23½ mo. after 3 follow up rpts. for 2 IRCs.(Tuchscherer-WI). same for 4850 in 8½ mo.(O'Donnell-PA). in 286 and 257 ds. for 2 rpts.(Gionet-NB). in 2 mo.(Sgrulletta-NY). after a long wait for a DT rpt. and 1 IRC.(Clifford-WA)...Finally....
SWEDEN: RS 11905 w/ f/d "Linne" cd. in 22 ds. for 3 IRCs.(Baker-DL). same cd for 11705 in 14 ds. for 1 IRC. Flag also rcvd. along w/ pennant. (Klasek-MO). 9690 w/ f/d "Map" cd. in 14 ds.(Brouillette-MI). 11705 w/ f/d "Northern Lights" cd. in 17 ds. w/ pennant.(Klasek-MO). same cd. for 21690 in 16 ds.(Watts-AUST).
SWITZERLAND: SRI 9725 f/d cd. in 37 ds for 1 IRC.(Fraser-MA). f/d "Fribourg" cd. in 55 ds. (Underdown-AR). 11715 in 19 ds.(Klasek-MO). f/d "Richterswil" cd. in 28 ds.(Baker-DL).
TANGIER: VOA 7230 via Tangier relay w/ f/d cd. in 12 ds.(Leithner-TN). KWAJ).
TANZANIA: RT 15435 cd. in 11 mo.(Vernetti-
TOGO: RT 5047 f/d "Logo" cd. in 6 wks. for a FR rpt. and 1 IRC.(Alm-BC).in 52 ds(Hensley-TX).
TURKEY: VOT 11855 f/d "Flowers" cd. in 6 wks.(Kapinos-MA). 9515 in 74 ds. for 1 IRC. (Clifford-WA). "Spoonbill" cd. in 29 ds w/ pennant.(George-TX). 11955 w/ f/d "Anamur" cd. in 49 ds. for 1 IRC. Pennant also rcvd. (Fraser-MA). cd. in 27 ds. for 3 IRCs.(Hartsell
UKRAINE: R. Moscow via Simferopol on 17880, -CA). 7135,7195,17855 and 17880 in 1 mo.(Barto-CT). via Vinnitsa on 7215, 5940, in 5 wks.(Barto-CT). via Ivanofrankovsk 7115 in 5 wks.(Barto-CT). in 38 ds.(Tuchscherer-WI). via Lvov in 1 mo. on 6200, 17780 and 9765 (Barto-CT). via Kiev on 7165 in 6 wk (Barto-CT). 7165 in 38 ds.(Tuchscherer-WI). in 44 ds (Klein-FL). via Simferopol in 44 ds. on 7195(Klein-FL). in 46 ds.(Marshall-ND). 7195 and 15130 in 1 mo. (O'Donnell-PA). via Vinnitsa on 15520 in 1 mo.(O'Donnell-PA). 9720 in 1 mo.(Marshall-ND). R. Kiev on 6020 in 33 ds. for 1 IRC.(Newhall-CT). in 5 wks.(Zimmer-MO). 7215 in 48 ds.(Fraser-MA). 7150 in 32 ds.(Cucura-PA).
URUGUAY: SODRE 11880 cd. in 1 mo. for 1 IRC.(Berezowski-ALB)
USA: Voice of Venus 7310 cd. in 7 ds. for ms.(F. Osterman-OH) 21510 (USB) ltr. in 1 wk.(Bishop-PA)...Very nice fellas!!! WAGC 3120 (2x1560) Centre, Ala. ltr. in 3 wks. v/s Robert F. Crandall,C.E.(Barto-CT). Radio Liberation 7425 f/d form ltr. in 2 wks. Also rcvd. a yellow and black pennant.(Field-MI). same in 1 mo.(McCarthy-FL)...Whoever you are thanks for the Liberation pennants for the Sept. outing...Sam. Could one of our members get me a copy of the Liberation QSL in reduced form Like to use it in the column...Sam. WYFR 15440 f/d "Map" cd. in 10 ds.(Micciche-NY). 15130 in 17 ds.(Klasek-MO). KXEL 3080 (2x 1540) Waterloo, Iowa cd. in 3 wks.(Barto). VOA Bethany 15160 cd. in 11 ds.(Klasek-MO). VOA Greenville 9640 cd. in 11 ds.(Klasek-MO) WINB 15185 f/d cd. in 20 ds.(O'Riordan-ID). in 8 ds.(Klasek-MO). WWV 20000 f/d folder cd. in 2 wks.(Kapinos-MA). in 9 ds.(Klasek-MO) 10000 w/ f/d cd. in 7 ds.v/s John B. Milton, Engineer.(Baker-DL). VOA Delano 9525 f/d cd. in 9 ds.(Fraser-MA).
USSR: R. Station P&P 12080 "Carnation" cd. in 18 ds. (Watts-AUST). RM 11600 cd. in @ 1 mo.(Klasek-MO). Radiostantsiya Rodina 5905 RS cd. in 7 wks.(Rankin-KS). RM 17765 in 28 ds.(Dittrich-FL).



USSR: RM 9730 f/d "Trees" cd. in 75 ds.(Concannon-CA). SUPPORT YOUR CLUB
UZBEK: R. Tashkent 6025 f/d cd. in 5 wks.(Rankin-KS).
VATICAN: RV 9605 f/d "Chapel" cd. in 63 ds.(Eastman-TX). 11845 w/ same cd. in 29 ds.(Micciche-NY). 11845 w/ "Antenna" cd. in 21 ds. for 1 IRC.(Klasek-MO). same cd. for 6015 in 12 ds. w/ pennant.(Byron-NY). 11845 w/ f/d "Microphone" cd. in 64 ds. for 1 IRC.(Dittrich-FL). 6222 in 5 wks(Barto).
VENEZUELA: R. Occidente 3225 yellow folder cd. in 2½ mo. for a SP rpt. and ms.(Lobdell-MA). R. Rumbos 4970 f/d cd. in 1 yr. and 14 ds. for a SP rpt. and 1 IRC.(Dawson-ALB). R. Los Andes 6010 personal ltr. in 3 wks. for a SP rpt. v/s Angel Marquez Marquez,Administrador.(Barto-CT).
VIETNAM: VOV 10040 f/d paper cd. in 3 mo.(Schmidt-WI). same in 13 wks.(Kapinos-MA). 6165 via Ho Chi Minh City in 8 wks.(Alm-BC).
WEST BERLIN: RIAS 6005 f/d "Building" cd. in 34 ds. for 1 IRC.(Gionet-NB). same in 52 ds. for 1 IRC.(Howard-CA)...Sorry about listing SFB as West Berlin in last months issue. I guess I get a demerit. Hi!...Sam.
WEST IRIAN: RRI Sorong 4875 f/d cds. in 39 ds. for 3 IRCs.(McVicar-ONT). in 4 wks. for an IN/EG rpt. and 2 IRCs.(Lazarus-LA). in 26 ds. for an IN rpt and ms. v/s Soedarsono.(Clifford-WA).
YUGOSLAVIA: R. Beograd 9620 f/d cd. in 59 ds. for 1 IRC.(Hughes-MAN). same in 68 ds. for 1 IRC.(Dittrich-FL). in 47 ds.(Buras-LA).

ADDITIONAL NEADXO-HAP ITEMS: The following are now available for the prices as marked. Station pins at $.50 each from Deutsche Welle, RIAS, SFB, CFLW and Radio Bucharest. Ball point pens at $.25 each from KWKH, KLTR and WHAL. Key chains at $.50 each from CKWX and Radio Budapest. Iron on patches at $.50 each from 2KO. Cloth arm patches at $.50 each from WDRC. Slides from Radio Bucharest at $1.50 each. I only have 2 sets of slides. There are six slides in each set. Several sets of ORF decals in 4 different languages(FR, EG,SP,GM) at $1.00 per set of four...I still have many of the items that were advertised last month. I have run out of the following: SFB stickers, RIAS stickers, RNZ stickers, Radio Bremen stickers, Radio Australia pennants RBI pennants, VOV pennants and CKWX pennants. There is still a good supply of the other items on hand....More next month...Sam.
VERIFICATION SIGNERS: VORE 9615 Yohannes Rupheal. R. Mali 4825 Amadou Thiam, Director. R. Omdurman 5040 Manoun Abdal Maoid, Public International Relation Dept. R. Mam 4825 Herminio Perez L., Departamento de Radio Difusion and from Padre Lucas Lopez, Presidente. R. Quillabamba 5025 Padre Lobo Rufino Alonso. R. Belgrano 11780 Felix A. Argota Salinas, Gerente Tecnico. R. Carve 6055 Graciela Corradi, Secretaria....Philip Wala gives the new address of Radio Beograd as: Hilendarska 2, P.O. Box 200, 11000 Beograd. Above v/s via PLAYDX
NOTES: John Tuchscherer says that many of the addresses in the new WRTVH are in error. He suggests that our members send in new addresses as they become available. Good idea John... Dan Prisco and others report that Radio Moscow is ignoring reports for the Riga and Baku frequencies. What else is new with Moscow?... Stu Klein - can you reduce the Radio Liberation QSLs for my use in the column? This is for the one on 5850 and 7425...Bill McDavitt has just returned from England where he reports having a great time logging many of the European pirates. Wish I was there...Leslie Byron wants to trade for an IBA pennant. Anybody got an extra one?...To the New Oriental Laundry and Cleaners, Ltd: Thanks for the pennants. I will use them at the HAP Auction. Got any more???...Sam. Tom Mooningham...Thanks for the older QSLs. We will use them in the column.

I hope you all enjoyed the column this month. I receive anywhere from 10 to 20 letters a day on the average, so I hope you can understand my answering a few of them in the above section. Just received a letter from Henry Lazarus in which he reports a QSL from Radio Eco in Peru! More on this beauty next month. Until next time good QSLing to all our members.

Sincerely,

Sam Barto

update

May 1979 *** Number 42

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 2330-0300 GMT only!!!

UPCOMING DEADLINES: 10 May (Mid-May) 21 May (June) 12 June (Mid-June)

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WHAT DO JOE ADAMOV OF R. MOSCOW'S MOSCOW MAILBAG (pending State Department approval), RUDY ESPINAL OF R. CLARIN, IAN McFARLAND OF RCI DX DIGEST, BOB ZANOTTI OF SRI SW MERRY GO ROUND, STEWART SPENCER OF VOA MAGAZINE SHOW, AND OTHER INTERNATIONAL BROADCATSERS HAVE IN COMMON? They will all be at the 1979 ANARC Super Convention in Minneapolis, Minnesota, 22-24 June 1979. In addition an exciting all-wave agenda is scheduled with noted personalities from the radio hobby and representatives from manufacturers and DX Clubs. Information and registration forms for ANARC 79 may be obtained by sending a business size SASE to Association of North American Radio Clubs, 1979 Convention Committee, Box 14161, Minneapolis, Minnesota 55414 USA. Those living in Canada may obtain information by sending an SASE to 1979 ANARC Convention, Box 142 Thunder Bay, Ontario P7C 4V5. In addition to the exciting program planned for the convention, Minneapolis is one of the most beautiful and vibrant cities in North America. It offers many opportunities for those not interested in radio and will increase enjoyment of the Convention for those who are. Should be very exciting.

AFGHANISTAN RA, 11890, at 1858. Flute IS, ID by W giving pgm target as Eur. Nx, local mx to 1930*. (Syd Osterman, ONT).

BANGLADESH RB, 15285, in EG 1850; local mx, talks, ID, all very poor. Also noted on 15285 at 1230 17 Apr w/ EG nx by W. (Osterman, ONT 9 Apr)

BELGIUM BRT, 11715, in EG to NAm 0015. (Bob Batson, MO)---BRT also noted on 11715 at 0100* to NAm. Very good signals. (Robert Fraser, MA) --- BRT also noted on 11715 in EG 0031-0100. ID, talk, mailbag; strong sigs but slight QRM from Cairo. (Vladimir Cucura, PA) --- BRT also noted on 15190 at 0047. Very good. (Lenny Saaf, ILL)---BRT noted on 15190 at 0016. Excellent sigs targeted to SAm. (Lobdell, MA)

BOLIVIA R. Padilla, 3479, in SP 0055-0230* 5 Apr; talks about articles of law, references to Chuquisaca and Padilla. Between 0200-0226 very long song by W criollo style, then a few words by a W DJ and off. (Jean-Jaques Bloch, MD) +++ Rdf Mamore, 4740, in SP 0207; vocal by W. Signal peaked (believe it or not) during TC & ID by M 0212, then love song, "Buenos Noches Un Amor" by M. Signal slowly deteriorated till lost 0250. (Lobdell, MA 15 Apr) +++ R. Fides, 4845, in SP 2355-0030+ 15 Apr; M&W anncrs, orch mx, full ID "R. Fides, La Paz, Bolivia," at 0000, then more orchestral mx. (Neal Perdue, ALA) ---Fides also noted 0000-0111* 16 Apr in SP w/ nx magazine, M anncr, breaks for ads, full ID 0110 then about three seconds of NA before plug was pulled. Fair.(Lobdell, MA) +++ La Cruz del Sur, 4875, in SP 0050-59* 16 April; religious pgm to 0055, then closing anncmts, freq, and IDs in SP and EG. Mixing w/ LV del Norte but readable. (Perdue, ALA)

BRAZIL R. Cultura (Araraquara), 3365, in PT 2340-0100+, is now consistently the best 90m Brazilian in the evenings. Varied pgms on different nights including disco, classics, US pops and LA mx. (Perdue, ALA)+++ Rdf do Amazonas, 4806, in PT 0150-0215; M anncr, bouncy LA tunes, full ID 0203. (Perdue, ALA 16 Apr) +++ R. Educ. Braganca, 4825, in PT 0022; EG and PT disco mx, ID/TC by M. QRM from R. Mam. (Lobdell, MA 17 Apr) +++ R. Inconfidencia, 15190, in PT 0109; speech by M w/ crowd sounds, ID and church bells. (Osterman, ONT 15 Apr) +++ RadioBras, 15280, in EG 0200-0300 13 Apr; annced new address: RadioBras International Service, Box 04-0340, Brasilia 70323, Fed. Dist, Brasil. Also gave expanded sked: EG to Eur 2000-2055 on 15270; EG to Afr 2100 on 15280. (Cucura, PA) *** See also page 2 for more information on Radio Bras. tba*** R. Gazeta, 15325, in PT 0100; ID by M, talk. Probable soccer 0126. (Osterman, ONT 15 Apr)

BULGARIA R. Sofia/Stolnik, 7670, in lang w/ light mx 0453. Then, IS, ID, nx and comment to 0511. Good sigs. (Cucura, PA 14 Apr)

CANADA CKFX/CKWX Vancouver, 6080, in EG 0805; nx, weather, DJ px w/ W anncr, country mx, ads, and IDs as Super Country CKWX. (David Schweikart, VA 14 Apr) +++ Finally yielding to advice from Bob Rankin and a gentle prod from Jim Conrad, yr ed struggled out of bed at 0800 22 Apr to find CKFX/CKWX in well on 6080. Somewhat fady sigs during newscast, but many stories audible. Nx interrupted for brief stn ID. Then into country and western DJ px. Should be easily audible if you can wake up for it despite stn's power of 10w. (tba)

CHINA (P.R.) RP-Nanning, 4905, in CH 2320 w/ talk by M and CH mx. (Alexander, PA 15 Apr)

COLOMBIA LV del Norte, 4875, in SP 0050-0100+; ID after Bolivian s/off. Still another stn under this one. (Perdue ALA 16 Apr)

ECUADOR Galapagos, 4810, in SP 0356-0419*; IDs, pop vocal, tango mx, talks. In well w/ Springbok gone. (Osterman, ONT 8 Apr) +++ R. Nac. Progreso, 5060, in SP 0320; local mx, talks and ID. (Alexander, PA 15 Apr)

ENGLAND (PIRATE) R. Mercury will be making tests for North American listeners in May and June on either 7360 or 7375. Schedule is 0400-0445 on first and third Sundays of these months; thus, NAm DXers should listen on their local Saturday nights, 5 May, 19 May, 2 June and 16 June. Reports to the stn c/o Kent Place, Norwell, Newark, Nottinghamshire NG23 6JX, England. (John Campbell, UK)

FALKLAND IS. After many, many attempts by many DXers, Neal Perdue sends the following log on a very rare one: Falkland Is. B'casting Ser., 2370, in EG 0050-0115 fade out. Bee Gees song at t/in, Goldfinger theme after W annor said "brought on the way to you from Falkland Is." BBC nx 0058, Big Ben chimes 0113. Useless by 0115. (Neal Perdue, ALA) *** Congratulations on a truly exceptional log. Neal. I note for the rest of us that Neal watched this freq nightly for many months before getting this log. He also refrained from reporting anything on the stn until he had sufficient details to be sure it was them. The moral of all this is clear: although high technology receivers and fancy antennae are undeniably helpful to successful DXing, persistence is the key to obtaining the really great DX. tba

GERMANY (FED. REP.) RIAS West Berlin, 6005, in GM 0352-0610; pips to *0400, poprular trumpet mx , nx 0430, piano classics 0435, nx 0530. QRM from CFCX. Reloj gone. (Bob Rankin, KS 13 Apr)

GUINEA Rdf Nat., 9650, in FR 0740; talk, local pops //15310. Both good. (Alexander, PA)

HONG KONG Hong Kong Tmie and Weather Stn, 8903, at 1400; ID as Hong Knog R., pips, voice ID and time at 15 and 45 minutes after hour. (Hugh Miller, WASH) *** Wish this counted as SWBC, but it odesnt't sadly. tba

LIBYA Ex-Mebo II, 6206, tentative in AR 0430; mx and talk by OM. (Osterman, ONT)

NICARAGUA R. Sandino, 7587, in SP 2320; talks by M, political songs. (Bloch, MD 9 Apr)

NIGERIA NBC, JOS, 5965, in EG 0442-0530; mx to 0500, nx 0500-04, talk to 0511 then light mx. ID sounds like "You are tuned to NBC (not FRC)". Clear w/ static crashes. (Rankin, KS 16, 18 Apr)

PAPUA NEW GUINEA R.E. Sepik, 3385, tentative at 1025 w/ EG pop vern anncmts by M. Faded by 1045 w/o ID. (Lobdell, MA 14 Apr)

PERU R. Tropical, 4935, in at 1019 w/ Andean flute solos and folk mx. Faded 1025 before ID so list as tentative. Poor. (Lobdell, MASS 14 Apr)+++R. El Sol, 5970, in SP 1035-1100; pgm called "Sol en los Andes" (0530-0700 local) for country people. Campo mx, ID annced 27 yrs in b'casting and ad in Quechua. Then "ahora que R. El Sol esta mas potenta que nunca." (Bloch, MD, 10 Apr)

RHODESIA RBC, 3356, in EG 0358-0412; sermon, TC, nx by W, ads. Best reception in a while. Still troubled by CW QRM. (Osterman, ONT)

SENEGAL Dakar, 4890, *0658 in FR; IS, NA, full ID as "Ici Dakar, Office de Radio Television du Senegal." TC and pips, nx, folk mx.(Lobdell, MA 15 Apr)---Dakar also noted at *0700 15 Apr. This time used Sundays only. (Alexander, PA)

SINGAPORE RS, 11940, 1215-1315+ in EG; old US C&W mx, M annor, ID 1230 by W who then hosted pop mx show. Also gave TC for 8:00. No QRM. Been trying for this for 10 years. (Perdue ALA) ---RS also noted on 11940 in EG 1045-1105. W annor, ID, TC, classical mx, stock market and foreign exchange reports. (Osterman, ONT)

USA (PIRATE) At 0500 8 April the FCC closed R. Liberation. Stn's last broadcast came at 0200 8 April. This was last chance to QSL them. My information indicates that administrative procedures have been commenced against operators. tba +++ WFAT, 1630v, back on 0750-0850 15 Apr. Rock mx, calls and Larry McCrea. (Alexander, PA)

USSR Moscow Mayak, 5935, possibly via Riga 0502-0531 in RS. Light RS pops, mostly vocals faded after Murmansk, indicating western site. Possibly Riga relaying Moscow. (Rankin KS)

VENEZUELA Ondas Panamericanas, 3215, in SP 0115-0155; LA mx, M DJ, anncmts and ID. (Alexander, PA)

From Bill Harms, UT, comes more information on b'casts in KR: KBS noted on 6015nf 13 Apr; 0900-1100 KBS Social Education PGm, then R. Korea in JP 1100-1200, KR 1200-1230, JP 1230-1330, KR 1330-1400, then into Social Educ. Pgm to 1530a fade. Site probably Kimje. Sig indicates stronger tx than 6135.+++Sked for KBS Social Educ. PGM per off-air monitoring: 6135, 0230-0340; 0900-1100; 1400-0230; 3930, 1500-1800. Pgm is talk, information, interviews nx, comment, lang lessons in EG, JP, homemaking tips.

RadioBras sked via Robert Fraser, MA; SUN: Weekly Nx Rvw, Sunday MX Special. MON: Tourism in Brazil, Brasilian Cinema, Brasilian Goods Abroad, Personalities. TUES: Brasilian Goods Abroad World of Literature, Events in Brasil, Economic Nx. WEDS: Brasil & the Brasilians, Visual Arts, Brasilian Goods Abroad, Questions & Answers. THURS: Tourism in Brasil, Brasilian TV, Events in Brasil, Economic NX. FRI: ??? SAT: Brasil & Brasilians, Q&A, Events, Econ. NX.

CORRECTION: LV de la Resistencia Chilean was heard on 7245 not 7425. 73, Tom

log report section A

1600-4899

DAN ROBINSON

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Washington D.C. 20016
PH: (202) 686- 1119

*** Guest Editor- Nick Pappas ***

Greetings. Dan is currently heading down the ~~homestretch of his illustrious college career and~~ is quite bogged down with papers, preparations for finals, etc. Hence, here I am.

Some interesting loggings this time around. Glenn Hauser reports on observations made during his recent visit to the Dominican Republic; we have tentative loggings of Falkland Islands and the Bolivian, Radio Riberalta. Also, reports of the Brazilian, Radio Nacional de Boa Vista; the return of Ondas Panamericana; and much, much more.

1610 USA When noise levels permit, I am noticing a 'rumble' here similar to the MW 'graveyard' channels. A sign of the increasing number of 'Highway Advisory Radio' and "Travellers' Info. Stations" using very low power transmitters on this freq with continuous tape loops of info. They do not give IDs as such and one must deduce the location from the content of the message. This item is just to call attention to the prime DX possibilities on this 'shortwave' frequency (Hauser)

1610 USA Chicago TIS: While the local Edens Expy is under repair, special info stn obs. here. Voice tape loop, fair sigs for 10 mi. (Higgins)

1615v USA PIRATE: WCB(X/N): 0335-0402*w/Dire Straits, Foreigner, Bill Withers, etc. M anncr w/ID, "good-bye for now". Drifted nearly 1 kHz up, measured against RAB 1613 beacon. Fair to poor. Any further help, anyone? (Krueger 4/6)

2370T FALKLAND ISLANDS FIBS: On 4/14 (a Sunday eve) here in D.C., I had a 98% certain log of FIBSw/end of mx pgm from 0020-0028, and ID by OM mentioning Falkland Islands at 0028. Brief s/off ancmts and carrier off at exactly 0031; again, this on a Sunday PM, and appears to be consistent with 0031* on Sundays (Robinson)

2428 PAPUA NEW GUINEA R New Ireland: 1116-1138 Pidgin w/talks and island mx. Much QRN but great morning for PNG. Never thought I'd here this one at sunspot maximum (Boomer 3/19)

3015 NO KOREA Pyongyang: 1351 KR. Military mx, M anncr w/nx (Bryan 3/21)

3200 CHINA Fuzhou: 1355 CH. M&W in tlk, brief mx (Bryan 3/21)

3204 JAVA RRI Bandung: 1400 IN. Bells, clock striking, M w/ID, nx (Bryan)

3210 MOZAMBIQUE RM Maputo: 0353-0414 PT. Man w/tlk, ID, lcl mx (Cucura4/2)

3215 VENEZUELA Ondas Panamericanas: 0947-1032 SP. LA pops, ballads; IDs "Ondas Panamericanas, El Vigia, Venezuela". Strong, but lots of QRN. Station #200 (Cunningham 4/5) 1010 ID, TC, YV mx (Klein 4/2) 1012 Campo mx, ID between each selection, faded by 1027 (Lobdell 4/2) 0015-0023 strongest on 90m w/YV pops, ads, ID, "musica tropicana" (Krueger 4/1) 0232 (Jones 4/1) 0352-0400* US Top40, s/off w/ID and NA, UTE QRM (Novello 4/4) 0330-0400* (Kunz 3/22) 0135-0400* Mx pgm, ad blocks, 0400*, used to be 0200*. Haven't heard this one in 2-3 yrs (Field 4/4)

3215 SULAWESI RRI Menado: 1405 IN. Man w/nx (Bryan 3/21)

3225 SUMATRA RRI TanjungPinang: 1410 IN. Man w/nx (Bryan 3/21)

3232T SUMATRA RRI Bukittinggi: 1414 IN. Indo mx, M anncr, W w/chants (Bryan)

3250 ECUADOR LV del Rio Carrizal: 0445 SP. Mx and tlk, gave location as Sto. Domingo. Previously rptd on 3260 (Kunz 3/28) See below- NP

3253 ECUADOR LV del Triunfo: 0405-0500*SP. Only ID in monitored period was for "RLV Santana", but at 0500* ID as "Esta es RLV del Triunfo de Sto. Domingo de los Colorados". Gave MW freq (1260), no SW freq. S/off w/"Love is a Many Splendered Thing"(Novello 4/4) 0457* (Field 4/3)

3255 VENEZUELA LV del Tigre: *1002 SP. NA, fanfare, M anncr w/ID, calls, freqs (AM, FM, SW), "desde el Tigre", mx (Klein 3/26)

3265 SUMATRA RRI Bengkulu: 1418 IN. Indo mx, M anncr, flute mx, M w/chants (Bryan 3/21) 1240 TENT w/island mx (Outaway 3/10)

3275 VENEZUELA R Mara: 0203-0351*SP. ID, TC, LA pops (Jones 3/29) LA and US mx ("Shake Your Groove Thing"), ID. Great sig (Valko 3/31) Folksy tunes, ID as "R Mara, la emisora major de Zulia". UTE QRM (Novello 4/3) M anncr, mx from Cuba & Dom Rep, ID "R Mara, la emisora mas fuerte de Zulia"(Lobdell 3/29) SP mx, ID (Kunz 3/23) Hyped ancmts, s/off ancmt at 0348 w/freqs, ID, NA (Cunningham 3/29)

3294 KALIMANTAN RRI Samarinda: 1422 IN. Indo mx, male chanting, M anncr (Bryan 3/21) 1300-1315 TENT Nx relay, M w/tlk (Ottaway 3/10)
3300 GUATEMALA R Cultural: 0400 EG w/relig pgm(Gregory) SP at 0451 (Alley)
3315 ECUADOR R Pastaza: 1107-1135 SP. LA mx, ads, ID as"R Pastaza". F/out started 1120, gone by 1136 (Howard 3/17)
3325 GUATEMALA R Maya de Barillas: 1135 SP. Relig. pgm w/children singing and piano mx. ID at 1147 (Clifford 3/13) SP/Maya w/marimba mx, Maya religious program (Tannenwald 3/25)
3338T MOZAMBIQUE RM: 0358-0412 Vern. Afro mx, tones at 0401, almost sure ID for RM; then pop mx (Helen Reddy) (Howard 3/23)
3355 VENEZUELA R Impacto: 1035-1051 SP. LA mx, clear ID "Esta es Radio Impacto" at 1041, ad string (Howard 3/24)
3360 GUATEMALA LV de Nahuala: 0405 w/marimba mx, 0425*, good (Field 4/4)
3360 UNID: 2304* Just caught NA at s/off. Guana? (Valko 3/31)
3365 DOM REP Radio Exitos was visited in Santiago. They have new multicolored AM & FM studios, and the manager no longer wants to bother with the less commercially valuable shortwave (Hauser)
3366 GHANA GBC: 2303*EG. S/off w/ID. Also heard NA on 4915 at 2306*(Valko)
3375 ANGOLA RN: 0430 PT. Chorale mx, man w/cmtry, ment Angola, poor (Ottaway 3/19)
3380 ANGOLA RN: *0358 PT. IS from *0358-0359, NA, ID at 0401 f/by Man w/PT tlk. (Valko 3/9)
3380 MALAWI MBC: Blantyre 0310-0355 VERN. Man w/tlk, native mx, flute and drums (Valko 3/9) 0329-0346 Drums w/vocals, Chichewa tlk, EG ID at 0343 (Cucura 4/2) 0345-0400 Vern tlk by OM/YL, ID as "MBC", poor w/strong het (Lobdell 3/29)
3380 GUATEMALA R Chortis: 1140 SP. M & W speaking breathlessly, accordian mx, ID as"Radio Chorteeees" (Clifford 3/16)
3380 ECUADOR R Iris: 0214 SP. LA mx, ID (Wilkinson 3/13)
3385 PAPUA NEW GUINEA R East New Britain: 1055 Pidgin. Tlk and mx, first time hrd in a long time (Valko 3/27) 1135 M anncr in Pidgin, poss. ID, island and lcl mx (Klein 3/6) 1235 Pig Latin tlk by man, Jim Reeves mx (Ottaway 3/10)- I assume you mean Pidgin- NP.
3385 FR GUIANA FR3 Cayenne: *0857-0920 FR. Guitar IS, ID by M "Ici Cayenne" soft vocals, Calypso mx (Ottaway 4/3) 0902-0950 FR&US mx, man and woman anncrs, FR3 ID w/tones at 0930 into nx (Clifford 3/24)
3390 ECUADOR R Zaracay: 0345 SP. LA mx, male DJ, Pepsi ad (Alexander 3/27) 1025 Ecuadorian mx, ID (Tannenwald 3/25)
3395T SUMATRA RRI Tanjung Karang: 1434 IN. Chanting, W anncr, instru mx (Bryan 3/21)
3396 RHODESIA RBC: 0400 EG. ID, nx by W into mx (Calderwood 3/10) 0405 ID by M, Afro mx, Dean Martin pieces (Bryan 3/22)
3481 BOLIVIA R Padilla: 2338-2342 SP. Guitar/whistle song, Male DJ. Xlnt nightly, peaking about 0000 (Krueger 3/30)
3553T PERU Radio Difusora La Convencion: 0030-0105 SP. Peruvian mx, SP tlks by man under heavy CW UTE (Robinson 4/23)
3810 ECUADOR HD210A Time Stn: 0820 SP. Pips, ancmt by M every min. (Alexander 3/31)
3883v USA PIRATE: 0731-0802* Rock mx, no tlk, off air between and during selections. Good sigs. Varied 3880-3885 kHz (Alexander 4/1)
3905 ADMIRALTY IS R Manus: 0815-0845 Piggin. 0825 TC ("25 past 6"), lcl mx, M anncr, 0830 clear ID "R Manus" (Howard 3/29) 0825 TENT island mx to 0830, chime, W w/nx. Much static (Klein 3/29) 1152-1156 DJ and nice island mx. Strong until sudden attack of hams (Boomer 3/19)
3945 JAPAN NSB-Tokyo: 0856 JP. Several women in tlk ... that's why there's no rpt of R Vila. Good w/ARO QRM (Johnson 3/16)
3955 South Africa SABC: 0420 AK. M w/tlk, mx (Bryan 3/22)
3995 GERMANY (FED) DW: 0205 GM. Tlk by OM, nx (Prath 3/27)
4485 ASIATIC SSR Petropavlovsk: 1345-1400 RS. Tlk by M, class mx, ID at 1400. Good (Ottaway 3/11)
4635 TADZHIK SSR Dushanbe: 0125 RS. Tlk by man and woman, IS on the hour, EZ listening mx (Valko 3/6, Lobdell 3/25)
4680 ECUADOR RN Espejo: 0140 SP. Slow, pompous ID by man (Cunningham 3/26) 0330 Radio play, lots of action (Ottaway 3/1) 0500 (Wirrell 3/10)
4695T BOLIVIA R Riberalta: Pending further info and IDs by others, it appears that R Riberalta has returned to 4695 noted here 4/14 at around 0200 w/mx, ment of La Paz, Riberalta, and "banda internacional ...." Fairly good level, but not noted recently (Robinson)
4708a UNID 2342-0005 SP. Good, but no IDs on a good deep-LA night, w/M, flute & guitar mx. Not // any Cubans, either (Krueger 3/30)

4719 CELEBES RRI Ujung Pandang: 1159 IN. SCI, time pips, M anncr w/ warta berita. // other RRI channels (Klein 3/6)
4725 BURMA BBS: 1400 Burmese. Lcl mx, W w/nx (Bryan 3/22)
4753 SULAWESI RRI Ujung Pandang: 1340-1400 IN. Indo vocals, ID by M at 1400, mention of Pandang (Ottaway 3/10)
4755 BOLIVIA Radioemisoras Bolivia: 0950 SP. Native instr mx, full ID including calls & freqs of AM, FM, SW outlets, time tone for 1000 GMT, tlk by OM 'til 1015 fade. The HC Nuevo Mundo missing this AM; fair (Lobdell 4/6)
4755 Colombia Em Nuevo Mundo: 1010-1020 SP. LA Pops, "CARACOL" ID(Jordan)
4760 SWAZILAND TWR: 0407 AK. Relig pgm and singing (Bryan 3/23)
4765 BRAZIL R Rural Santarem: 0915 PT. Birds chirping, TC/ID by OM, organ accordian mx. Good (Lobdell 3/23)
4770 LIBERIA ELWA: *0558 EG. IS, M anncr w/ID, "Turkey in the Straw", pips nx (Klein) 0604 EG relig pgm (Bryan) 0611 EG relig pgm (Wirrell)
4770 VENEZUELA R Bolivar: 1030-1055 SP. Fast LA mx, IDs (Clifford) 0151 "Grand Domingo Musical" pgm (Jones 3/12) 0330 mx, "Banco de Venezuela" ads (Jordan) 0147 (McClellan)
4770 VIETNAM 1407 VT. Probably a regional, band mx, W w/tlk (Bryan 3/22)
4775T BRAZIL R Cult de Sergipe: 0209 PT. Soccer cmtry, no ID (Yajko 3/14) Field rpts unid Brazilian here 4/8 at 0235 w/mx pgm.
4777 GABON LVR: 2307-2321 FR. M w/tlk, ID, nx (Cucura 3/18)
4780 HONDURAS R Juticalpa: 1057-1102 SP. Mx, ID by M giving freqs, UFO sound effects during ID. Good for 500w (Valko 3/29) 2310-2321 IDs, store ads, marimba mx. Often a window for this in FL. Xlnt (Krueger)
4785 TANZANIA RT: *0300-0320 Swahili. Afro vocals, M w/sign-on, chants, M w/nx (Bryan 3/18)
4785 COLOMBIA Ecos del Combeima: 0350 SP. LA pops, violin mx, ID at 0400 (Jordan 3/11)
4790 PERU R Atlantida: 0335-0350 SP. Traditional mx, mandolins, fast-paced M DJ, ID in passing, doorbell effects.(Novello 4/4) 0942 (Jones)
4801 ECUADOR R Popular: 0640-0705 SP. W anncr, Ecuadorian mx, ID (Howard)
4805 BRAZIL Rdif do Amazonas: 0920-0935 PT. M anncr w/full IDs between instru. mx selections (Cunningham 3/31) 0957 ID, wiped out by UTE at 1000 (Clifford 3/17)
4805 BRAZIL R Itatiata: 0540 PT w/tlk, mx (Kunz 3/23)Did you hear an ID? More details, please- NP.
4807 SAO TOME E PRINCIPE RN: 2235-2300* PT Lcl & US pop mx (Paul Simon), ID, s/off w?NA (Alexander 3/24) Sports cmtry, ID (Yajko 3/11)
4810 ECUADOR/GALAPAGOS LV de Galapagos: 0304-0334 SP. Very good sigs, variety mx pgm, IDs at 0330. Heard many times sound of ocean, wind, seagulls and organ (maybe pgm or stn theme). 0409-0421*. At 0409 s/off IDs, 0410 lengthy NA 'til 0414, carrier off 0421 (Both from Howard 4/3)
4810 SOUTH AFRICA Springbok R: 0430 EG. Springbok on its last day on SW, 3/31, as warned the week before on Radio RSA, very poor reception this night, 0430 ID, World Nx in EG w/"V" beeps, leading w/Harrisburg nuclear leak, f/out by 0445, earlier had been a severe het w/LAm stn Hauser) 0030 w/"All-Night Svc" (Jordan 3/14)
4815 COLOMBIA R Guatapuri: 0030 SP. Colombian mx, ancmts, ID (Tannenwald)
4820 ECUADOR R Paz y Bien: 1010-1030 LANG. M anncr, TCs, IDs, Mx of Ecuador (Howard 3/24)
4820 HONDURAS HRVC: 0300-0400 EG. Relig. pgm, poor w/QRN (Gregory)
4825 DOM REP LV de las Fuerzas Armadas was visited in Sto Domingo, indeed within a military compound. I was told the SW xmtr had been cannibalized for the benefit of a new MW relay xmtr elsewhere in the country, but they do intend to return to SW. They prefer taped rpts (Hauser)
4825 GUATEMALA 'R Mam: 0043-0048 SP. ID by M, dramatic tlk introducing radio drama w/musical background (Cunningham 3/27)
4825 MALI RNM: 2230 FR. Tlks by 2 OM, vocals (Yajko 3/18)
4832 Costa Rica R Reloj: 0400-0530 SP. ID, mx (Wirrell, McClellan)
4835 BRAZIL R Nac de Boa Vista: 0320-0403* PT. Lite jazz mx; few ancmts, several IDs, freqs at 0357. Clear ID "R Nacional de Boa Vista, ... Federal Roraima, Brasil". NA (men singing). Still there after *0400 of South Africa (Howard 3/27) 0345 Radiobras ID, anthem, "Girl from Ipanema", distorted audio, over modulated (Novello 4/3) 0904 ID, M anncr, Braz mx (Howard 3/31) 0930 EL mx, rapid-fire IDs, ancmts by OM, RTTY QRM (Jordan 3/11) 1015 (Klein 3/26)
4835 GUATEMALA R Tezulutlan: *1100 SP. S/on apparently this time daily, contrary to WRTH. Usually good (Klein 3/6) 1200 M DJ w/IDs, marimba mx, childrens choir (Johnson 3/9)

4835 SARAWAK R Malaysia Kuching: 1448-1452 MALAY. M w/nx, stories of Carter and ME peace tlks (Bryan 3/21)
4835 SOUTH AFRICA SABC: 0414 EG. Tlk on soil erosion in Miss. Valley USA (Bryan 3/23) 0455-0507 EG nx, wx, QRM de Reloj. (Findlater 4/3)
4840 CHINA PLA: 1144-1154 CH. Tlk by M & W, intermittent mx (Valko 3/14)
4840 VENEZUELA R Valera: 0146 SP. Ads, TCs, many IDs, Venez mx (Jones 3/21) 0959 Stn ID jingle on hour, M anncr, YV mx (Klein 3/26)
4845 MOLUCCAS RRI Ambon 1159 IN. SCI, pips to hour, M anncr w/warta berita, // other RRI (Klein 3/6) 1205 Nx, ment of Pakistan UTE QRM (Valko 3/7)
4845 MALAYSIA RM Kuala Lumpur: 1415 Malay. M w/ID, harmonica mx, W w/nx (Bryan 3/22)
4845 MAURITANIA Rdif Nat 0613-0629 FR/VERN tlk, chants,mx (Goss, Bryan)
4845 BOTSWANA RB: 0425 SETSWANA. 2 OM in tlk, ID (Bryan 3/22)
4850 ECUADOR R Luz y Vida: 1045-1052 SP. IDs, EZ mx (Cunningham 4/13)
4850 SURINAM SRS: 0455-0525 DT. Pop mx, ID, M DJ, "Early Sun Morn Show" (Waite)
4855 BRAZIL R Cl Para: 0300 PT. Disco mx, ID by M (Higgins 3/30) 0340 Braz mx, M anncr (Bryan 3/27)
4860 VENEZUELA R Maracaibo: 0125 SP. Mx, ads, ID, ancmts, mucho QRM (Tannenwald) *1005-1035 S/on w/ID, NA. Ads, IDs, TCs, ancmts (Clifford 3/25)
4865 COLOMBIA LV del Cinaruco: 0955 SP. M anncr over harp mx w/ID, TC, QTH Typical Col. mx. Very good (Klein 3/26)
4870 BENIN LVR: 0450 FR. Afro drums and instrumentals (Bryan 3/22)
4870T ECUADOR R Rio Amazonas: 1056-1116 LANG. M anncr, pgm of relig songs by children singers. No ID heard (Howard 3/24)
4875 COLOMBIA R Super: 0545 SP. ID, mx, ment of "Pep Tonic" (Wirrell 3/10)
4875 COLOMBIA LV del Norte: Heard 4/7 w/mx pgm and good sigs,for a change w/out QRM. Heard after Super 0500*. Same one other eve (Field)
4875 IRIAN JAYA RRI Sorong: 1155-1204 IN. Mx, tlk, IS played 3X, time pips and poss. nx (Valko 3/7) 1159 SCI,'pips, warta berita (Klein 3/8) 1230-1300 Jim Reeves mx, lcl mx, ID (Ottaway 4/1) 1329 TENT w/IN tlk, ment of Sorong (Hemsley 3/21)
4880 VENEZUELA R Universo 0130-0140 SP LA pops, ads, mx, IDs, professionally done promos (Jordan 3/14) 0225 ID (McClellan 3/14)
4880 SOUTH AFRICA SABC 0420-0432 AK. Relig tlk and mx, short nx, ID (Cucura 4/2) 0436-0450 AK/EG (Kissane 4/6)
4882v DOM REP R Comercial's 800w SW xmtr finally petered out, but a new 5kw unit is on order and should be on in April, they say. Perhaps this will put them on a stable nominal freq, whatever it is (Hauser)
4885 COLOMBIA Ondas del Meta: *1007 SP. Short NA, ID, Campo mx (Jones 3/10)
4890 PAPUA NEW GUINEA NBC: 0815-1401*EG. Pop mx, ads, TCs, sports, ID as "Radio NBC from PNG".NA at 1401* (Johnson, Valko, Hemsley)
4890 SENEGAL Dakar: 0615-0640 Lang. Chants, mx, tlk, ID (Waite 3/29) 0624-0645 FR. Relig chants, tlk, ID, nx at 0635 (Underdown 3/12) 0700 FR nx (Goss 3/27) 0607 (Bryan 3/22)
4890 HONDURAS R Lux: 0130-0205* SP. "Musica por Juventud" pgm featuring US pop/rock mx- BeeGees, "Hopelessly Devoted to You", "If I Can't Have You", etc. (Jordan, Cunningham, Valko)

That's it for this time around, folks. Dan will be back next month. My sincere thanks to all those who took the time to report. Also, my hat's off to all of the regular editors who devote their time month after month and who do such an excellent job.

73,
Nick Pappas

log report section B

4900-6199

STEVEN WISEBLOOD

4909.8 GUINEA Conakry: 0422-0539 Talk by M in vernaculars w/some chanting(Bryan, Wiseblood).
4910 ECUADOR Em Gran Colombia: 0836-0853 Non-stop LA vocal mx, complete ID (Cunningham).
4915 GHANA GBC-Ejura: 0543 M in vernaculars w/talk, Afro vocal mx (Bryan-CA).
4915 BRAZIL R. Nacional, Macapa: 0300 Fast PT talk, ID, Brazilian mx (Wilkinson 3/13). 0835 ID as "R. Nacional", M ancr in PT, Brazilian vocals & instr.(DW Johnson,Alexander
4920 AUSTRALIA ABC-Brisbane: 1200 EG talk of Australia's Bicentenial! (Underdown 3/16).
4920 ECUADOR R. Quito: 0417-0455 SP nx, full ID's, ads, vocal groups(Bryan-CA, Jordan-PA) 1040 SP Agricultural talk, local mx & SP ID's (Tannenwald 3/13).
4925 BRAZIL R. Dragao do Mar: 0152 PT sports commentary, ID u/Colombia (Yajko 3/15).
4925 COLOMBIA Em Meridiano 70: *0943 ID, Calls, freqs., lengthy NA @ 0945 (Jones-MS).
4932 NIGERIA NBC- Benin: 2300 EG nx & TC until 2306* (Yajko 3/12). 0552-0623 M in EG w/talk, local mx w/drums & chorus chants, ID @ 0602 & W in EG w/nx, cmntry(Jordan-PA).
4934 KENYA VOK: 0300-0407 flute mx & Afro vocals, nx by M in SW?,//4915(Valko, Bryan-CA).
4935 PERU R. Tropical: 1052 SP ads, ID's, many mentions of"Tarapoto" (Jones-MS 3/15).
4940 IVORY COAST RTVI: 2200-2214 FR talk & lively Afro mx. Exc! (Valko 3/15). 0612-0740 Talk by 2 M in FR, FR nx & cmntry, pop mx. Good (Bryan-CA, Jordan-PA).
4940 VENEZUELA R. Yaracuy: 0300-0330 LA mx w/ID's (Ottaway 3/11). 1032-1035 full ID, mention of "San Felipe", into LA vocal mx (Cunningham 3/15).
4943.8 VIETNAM Hanoi-I: VT radio drama w/lots of talk @ 1330. Fair (Wiseblood 4/14).
4945 COLOMBIA R. Colosal: 0410-0520 SP talk, ID's, LA mx (Wirrell, Kelly).
4950 VENEZUELA R. Coro: 1020-1030 M ancr in SP, uptempo pop tunes. Vy Good! (Jordan 3/11).
4950 SARAWAK R. Malaysia-Kuching: EZ listening & lite pop mx, EG nx & talk (Bryan-CA).
4952.0 MONGOLIA RUB: 1326 W in Mongolian w/long talk or cmntry (Wiseblood 4/14).
4965 COLOMBIA R. Sta Fe: 0514 SP talk, ID's & LA mx (Wirrell-MA).
4970 VENEZUELA R. Rumbos: 0510 SP talk, ID's & LA mx (Wirrell-MA).
4975h DOMINICAN REPUBLIC LV de la Libertad, Puerto Plata: This produces a strong local harmonic here, from the fundamental on apx 1244 (off freq from 1240), so if you can get them on 6219 (x5), this one should also be possible (Hauser -DR). .(Cunningham/
4980 GHANA GBC-Ejura: M in EG w/nx 2252-2258, African choir mx, ID,s & NA 2300-2301* /
4985 BRAZIL R. Brasil Central: 0635-0930 M ancr in PT, Brazilian vocal mx, ID's, stn & netwk promo's, freqs.. Fair w/QRN (DW Johnson, Jordan).
4985 MALAYSIA RM-Penang: 1426-1430 M ancr in EG, lite piano mx, ID & orch. mx (Bryan-CA).
4990 VENEZUELA R. Barquisimeto: 1006 slow EZ listening vocals, ID's by M (Clifford 3/25).
4990 SOUTH AFRICA R. RSA: 0405-0421 EG nx & ID's "Good Morning Africa" (Bryan, Kissane).
4990 NIGERIA NBC-Lagos: 2244-2310*Local Afro mx & EG talk. Poor (Gregory, Alexander). 0500 EG nx, talk, ID's & ads. Vy Good (Wirrell-MA 3/4).
4995 PERU R. Andina: M ancr in SP 0522, NA 0523-0526*, carrier on past 0530 (Howard-CA).
5010 SINGAPORE RS: 1400-1505 BBC Magazine pgm "Hello Tomorrow", lite mx (Bryan-CA, Rubin).
5010t CAMEROUN R. Garoua: 0514 AR chanting w/flute & drums, FR nx @ 0530 (Underdown 3/8).
5010 COLOMBIA R. Surcolombiana: 0400-0500* echo ID's, local MoR mx, mention of the "Caracol" network. Full ID, freqs., & s/off info. Poor thru QRN (Howard-CA, Jordan). 0946 SP talk, TC's & LA mx, UTE QRM (Jones-MS 3/16).
5015 BRAZIL R. Cultura-Cuaiba: 0823-0915 PT anmts, echo ID's, stn promo's, pgm of first rate mx featuring EZ listening rhythms, Latin disco & vocals (Jordan, DW Johnson).
5020 SOLOMON ISLANDS SIBC: 0846-1130* Pop vocals, rock mx, NA @ s/off(Waite,DW Johnson)
5025 ECUADOR R. Splendit: 0437-0453* Ecuadorian mx, many TC's & ID's, Abruptly off (Howard-CA). 0440-0515* SP sports event, description & cmntry by M ancrs, post game wrap-up, lengthy stn & network ID's(Jordan-PA 3/17). 0918-1040 SP talk, ads & Ecuadorian mx. Vy Good (Tannenwald-NY, Valko).
5025 BRAZIL R. Boroborema: 0215-0245 lite LA vocals, PT talk by M, ID's (Cunningham 3/17).
5030 VENEZUELA R. Continente: 0205 LA mx, SP anmts, ID & TC's (Alexander).
5030 SARAWAK RM-Kuching: 1434 island MoR mx, M ancr in Baha-Malaysia (Bryan-CA).
5030 DOMINICAN REPUBLIC La Voz del Papagayo is only a memory in La Romana. Tried & Failed to get MW authorization, so couldn't make it in the local market. I visited the former site, now a Puerto Rican club. The name of the stn, I was told, came from a freight ship. The word means either a parrot or a red fish w/venomous prickles(Hauser)
5035 KAZAKH SSR Alma Ata: 1330-1400 Organ mx IS w/time pips @ 1400, RS nx (Ottaway-CO 4/1)
5035 COLOMBIA LV de Caqueta-Florencia: 0404-0500* M ancr w/LA vocals, W in SP w/talk, ID, Fair/Poor (Jordan-PA). 1027 LA pop mx & ID. Good (Jones-MS
5040 COLOMBIA R. Cinco: 0810-0820 Variety mx pgm w/mentions of "Caracol" netwk(Jordan-PA).
5040 VENEZUELA R. Maturin: 2325-0400* SP political speech, anmts, ads, TC's & ID's, M ancr hosting lively LA pop mx pgm. Poor(Tannenwald,Jordan,Cucura,Ottaway,Cunningham)

5045 COOK ISLANDS RCI: 0500-0600 RNZ nx wx & sports, Cook Is. nx @ 0530. Poor-Fair(Howard)
5045 BRAZIL R. Cult do Para: 0200-0250 ID's, MoR mx, PT anmts G-VG(Cunningham,Alexander, Bryan-CA). 0805-0930 M ancr in PT, Brazilian MoR mx (Field, DW Johnson, Jordan-PA).
5046 INDONESIA RRI Yogyakarta: 1130-1145 M ancr w/talk in EG, ID, Indo instr. mx(Jordan).
5047 TOGO RT: 2216-0004* FR talk by M&W, possible radio drama pgm., EZ mx w/infrequent anmts, ID & choral NA (Cunningham 4/1). 0549 local afro mx w/drums, FR talk (Bryan-CA)
5050 PERU R. Loreto: 0510-0530 LA pop mx w/M vocalist. Poor w/xmtr problems (Jordan-PA).
5050 TANZANIA RT: 0500-0513 Swahili talk by M&W, ID, some afro mx. P (Jordan-PA 3/24).
5052 SINGAPORE RS: W ancr in EG, music for listeners requests, ID & wld nx @ 1330(Hensley)
5055 SWAZILAND TWR: 0417 GM talk by M, then choir mx. G, also heard 4760 (Wiseblood 4/15)
5055 COSTA RICA TIFC: 0219-0303* EG religious pgms, NA @ s/off, ID (Cucura,Goldman-CA).
5057 ALBANIA R. Gjirokaster: 0445-0510 M&W in Albanian w/talk, AR mx, Alb. folk mx, excersize pgm @ 0515. G-VG (Wirrell-MA, Jordan-PA).
5533 IRELAND Shannon Aeradio: 0615-0620 wx & visibility readings by M (Goss 3/27). note: This is a UTE and does not contstitute a SWBC station, sorry folks -ScW
5882 ARGENTINA R. Rivadavia: 0106-0112 SP talk by a M w/some mx, some QRM (Valko 3/16).
5930 CZECHOSLOVAKIA R. Prague: 0345 EG "Essay Contest", ID (Shah 3/24).
5935t LATVIAN SSR R. Riga: Mayak IS 0559, time pips, into talk in lang. (Underdown 3/8).
5945 AUSTRIA ORF: 0430-0500 EG nx by M&W, ID's, F(Underdown, Dieckmann). 0500-0530 GM nx about the mid-east peace treaty (Bryan-CA, Kelly).
5950 GUYANA GBS: 0247-0255*v, M in EG w/closing anmts, anthem, severe QRM, P(Lobdell-MA, Behr 3/29). 0745-0924 "Action Radio" ID's, birthday greetings, U.S. MoR mx & some Carribbean type mx. One song was a calypso style called "Who kill Jimmy Jones if he kills everybody?". What a Subject! (Jones-MS, Pappas 3/21, Klein 3/21). I Agree,Jack!-
5955 GUATEMALA R. Cult: 0700* s/off w/calls, freqs, devotional mx, NA, G (Klein 3/16). 0831* Closing SP anmts, freqs., & off. P-F (Jones-MS). Apparently s/off time varies!-
5955rf COSTA RICA R. Casino: *0930 band mx (NA?), calls, freqs, SW freq ancd. as 5954. A move from 5960. G-VG (Jones-MS). Kiss that RCI het goodbye! -ScW
5960 CANADA CBC (RCI):2300-2400 "The world at 6" EG nx, "As it happens" cmntry (Fraser-MA) 0015-0031 EG election rpt on "As it happens", heard enroute to Wash. DC (Halsema).
5965 BRAZIL R. Guaiba: 0915 Brazilian pop mx, ID, PT ads. F(Klein 3/27, Field 4/1).
5972v DOMINICAN REPUBLIC RTV Dominicana:1025-1045 SP talk, freqs(Tannenwald,Cunningham,/
5975 GREAT BRITAIN BBC: 0345 M in EG w/cmntry on Cricket game in Israel (Bryan),(Jones-MS/
5980 SIERRA LEONE SLBS Freetown: 0715-0735 W in EG w/nx & anmts, talk in vern (Jordan-PA)
5985 ARGENTINA R. Splendid: 2345 2 M ancrs in SP w/sports rpt, chimes @ 0000 w/many ID's, pop mx until 0020 when buried u/QRM. Fair (Lobdell-MA 3/24).
5985 MEXICO R. Nacional: 0350-0512* SP talk SP talk & mx u/WYFR (Underdown 3/26).
5987 SULAWESI RRI Manado: 1250 old favorites, local instr. mx, Love ambon @ 1300(DW John'n
5995 AUSTRALIA RA: 1043 Back to back & wall to wall pop mx w/lists et al. (Abbey 3/18).
6005 EUROPEAN SSR Moscow: 2200 IS, nx IS, ID, nx w/M&W in RS (Klein 3/28).
6005 CANADA CFCX - Montreal: 0603-1247 Pop mx, traffic rpts, EG nx, sports, wx & ads, Heard 4/3 w/Reloj off the air (Rankin-KS, Jones-MS, Boomer 3/10, Cucura 3/7).
6006 COSTA RICA R. Reloj: 0515-0527 Numerous ID's, popular SP tunes, TC's. G(Goldman-CA).
6010 VENEZUELA R. 1040/Los Andes: *1008 Unusual rendition of NA w/harps, strings & violin, SP anmts & ads, romantic vocals, TC's, ID's to 1052 (Lobdell-MA, Cunningham, Jones-MS)
6015 VATICAN CITY VR: *0100-0115 IS featuring an array of bells, EG nx (Gregory, Kissane).
6015 COLOMBIA R. Mira: 0425-0455* ID as "Tumaco, Narino, Colombia, R. Mira" (Howard-CA).
6020 PERU R. Victoria: 1055-1130 NA, Beethoven's 5th Symphony IS, SP world nx w/many mentions of Lima, singing TC's every 5 minutes (Howard-CA 3/16).
6020 MEXICO XEUW/R. Nucleo Oro: 0130 pop mx, SP tlk & ads til 0300 VOA s/on (Behr 3.25). *1130-1228 Excellent signal w/many ID's, greeting listeners w/SP anmts, Band mx NA, mention of MW freq. & power but no mention of SW, EZ listening mx & ranchera mx, SP ads for local stores (Krueger, Klein, Cunningham, Jones-MS). I was apparently correct in my assumption that the SP unID here was Veracruz reactivated (Hauser-TN) -Indeed!
6025 MALAYSIA RM-Kuala Lampur: 1102-1615 EZ listening & Malaysian island mx, CH nx @ 1200, tlk in Bahasa-Malaysia (Klein, Krueger, Bryan-CA 3/16).
6030 WEST GERMANY Suddeutcher Rundfunk: 0950-1000 M ancr w/tlk in GM, GM vocal mx, cmntry by W, ID by M, GM talk & TC's (Jordan-PA 3/18).
6030 CANADA CFVP - Calgary: 0730-0856 Pop mx w/EG nx on the hour,"CFCN" ID's (Rankin-KS).
6035 LIBERIA VOA-relay: 0348 Agricultural talk on crops in EG (Bryan-CA 3/27).
6035 BOLIVIA R. Panamericana: 2322-0111 SP ads, guitar mx, ID's & nx (Rankin-KS, Krueger).
6035 COSTA RICA Faro del Caribe: *0917-1102 SP talk w/slow mx (Jones-MS,Cunningham,Valko).
6035 BRAZIL R. Globo: 0012-0105 Brazilian ballads, ID's, M ancr in PT (Rankin-KS, Yajko).
6040 TAIWAN BED9-Tamsui: W in CH w/talk @ 1305, then tlk by M. F (DW Johnson, 3/9).
6055 JAPAN NSB: 0915-1620 JP pop mx w/M ancr in JP, in EG after 1600 w/ads, one was for Japan Airlines, a very happy discussion w/one M & 2 W(Kissane, Klein).
6060 AUSTRALIA RA: 0800-1645+ EG Wld nx, talk on Boomerangs, stock exchge.(Kissane, Jordan
6065 COLOMBIA R. Super: 0800-0922 SP guitar solo's w/reverb ID's, TC's (Jordan, Lobdell-MA).
6070 CANADA CFRX Toronto: 0425-2200 EG nx, wx, traffic rpts(Kelly,McClellan,Jordan,DW J'n)
6075 COLOMBIA R. Sutatenza: 1100 M in SP w/ID, F-G (Valko 3/20).
6080 BELGIUM BRT: *0015-0058* EG nx, talk & cmntry, pop mx (Waite, Earhart,Reynolds).

6080 CANADA CKFX-Vancouver: 0840-0900 C&W mx, EG nx @ 0900, Poor (Jordan, Lobdell-MA).
6085 WEST GERMANY Bayerischer Rundfunk: 0559 ID by M in GM, ID, chime on hour (Klein 3/16
6085t ZAIRE La Voix du Zaire: 0800-0840 Rapid speaking ancr in FR w/pgm of Euro-pop mx, FR ads, amnts & cmntry, ID & talk in vern F-P (Jordan-PA 4/6). According to my calculations the sunrise in Zaire on that particular date was at 0430,so you've claimed to receive a stn over 4 hours after sunrise, even 3 hours would cause me to be a bit weary of this rpt! I suggest you heard
6090 AUSTRALIA ABC Sydney: 0905-0915 EG wld @ national nx, TC, local nx (Rankin-KS).
6090 LUXEMBOURG RL: 0110 Solid disco mx (McClellan 3/29). 0625-0640 M ancr in GM w/pgm of U.S. pop mx, ads, anmts, some HCJB QRM but Fair-Good anyway (Jordan-PA).
6095 COLOMBIA LV del Centro: 0828-0910 SP ads, LA pop mx, promo for "RCN"(Jones-MS,Klein)
6095 POLAND Polskie R.:0220 EG to NAm, "This week in Poland" (Prath 3/4).
6095a BOLIVIA R. Stentor: 0942 ID, TC, Bolivian mx,,several cuts of a car engine reving up, best ever! Fair-Good (Jones-MS 4/3). Maybe Field's rcptn last month also this-SW
6098 COSTA RICA R. Universidad: 0100 orchestral mx & ID to 0302* (Behr 3/27).
6100 ASIATIC SSR Khabarovsk-RM relay: 0830 Foreign Svce IS, anmt in RS (Klein). JP list-
6101 VENEZUELA YVTO time stn: 0304-0605 time pips w/SP anmt every minute(Alex'er,Valko).
6105 NEW ZEALAND RNZ:0710-1045 church sermon w/hymns, tlk on fishing(Klein, Rankin-KS).
6115 COLOMBIA LV del Llano: 0730-1045 ID w/mntn of "Super" netwk(Tannenwald,Alexander).
6115 MEXICO R. Univ de Sonora: 0152-0223* Non-stop U.S. pop mx, ID's (Howard-CA).
6120 VENEZUELA R. Angostura: *0926-1002 opening anmts in SP, LA vocals (Cunningham,Jones)
6125 BRAZIL R. Nacional -Sao Paulo: 2335-0040 Sportscast in PT, NOBODY gets more excited than a Brazilian sportscaster. On other days ID'ed as"R. Excelcior" & played Brazilian vocal mx (Rankin-KS, Yajko). About a week ago I was listening to a soccer game in PT from the Brazilian on 11925, when a goal was made the announcer said: "Gooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooaaallllll"!-ScW
6130 JAPAN NHK-Kumamoto: 0938-1318 Traditional JP mx on old style JP instruments, vocal mx, tlk by M in JP. QRM from Laos, USSR & HCJB, F-G (DW Johnson, Howard-CA).
6130 CANADA CHNX-Halifax: 2309-0000 Pop mx w/ads, ID's as CHNS, usually in daily at this hour (Rankin-KS 3/26). 0730-1035 U.S. pop mx, Mancc in EG, ads, nx, wx, TC's, Fairly Good! (Goss,Klein,Jones-MS,McClellan,Jordan-PA). Good job, boys! -ScW
6135 TAHITI RT: 0655-0757 Island & EZ mx, TC @ 0700 & FR nx (DW Johnson, Rankin-KS).
6135 SWITZERLAND SRI: 0201 "Dateline" pgm in EG on various topics (Abbey 3/14).
6135 CHILE R. Univ de Concepcion: 1102 ID by W, requested reports during brief EG pgm, followed by chorus & then into SP pgms. (Jones-MS 3/23).
6140 AUSTRALIA ABC-Perth:*0940-1200 rock mx @ s/on, EG nx & sports (Cucura,Klein,Rankin).
6140 ALGERIA Rdf TVA: 0720-0745 Very soft spoken W in AR, mx w/drums & strings(Jordan-PA)
6145 WEST GERMANY DW: 0355-0402 W in GM w/ID, playing oldtime U.S. mx (Bryan-CA 3/27).
6150 AUSTRALIA ABCOMelbourne: 0915-1205 ID as "R. 2", various mx (Cucura, Rankin-KS)
6150 CHILE R. Nac: 0030 SP sports & ID's as "CB114" in SP, QRM HJFR @ 0215 (Behr 3/29).
6155 JAPAN FEN-Tokyo: 0906-0930 EG nx w/rapid fading. Poor-Good (Rubin, Jones-MS).
6155 CYPRUS CBC relay: *2210 ID, into lang @ 2215, QRM Lisboa, hrd since Jan. (Behr 3/7).
6155 AUSTRIA RA: 0130 EG nx & economic rpt (Insalaco 3/22). 0300 EG "DX" pgm,,poor w/ QRM from Bucharest and others (Rubin 4/1).
6156 HAITI R. Citadelle: *0915 ID's "Ici R. Citadelle" repeated by a M&W (Jones-MS 4/3).
6160 CANADA CKZN St. Johns: *0926-1110 NA & provincial hymn @ s/on, Atlantic wx, nx & sports, TC's & pop mx (Jones-MS 3/27, Cucura 3/5, Rankin-KS 3/22).
6160 CANADA CKZU Vancouver: 0813-0903* Jazz & operatic mx, GSTQ @ s/off (Rankin_KS 3/22)
6160 GREAT BRITAIN VOA-Wooferton: 0300-0500 audible daily w/RS svce, QRM de CKZN (Rankin)
6160 COLOMBIA Emis Nueva Granada: 0700-0900 ballads & novelty tunes (Jordan-PA) .(Klein/
6165v MEXICO XEW: Typical Mexican ranchera mx 1055-1105, calls & stn locations(Jones,/
6175 PERU R. Tawantinsuyo: 1050 M ancc w/ID, lcl mx w/nose flutes & vocals (Klein 3/26).
6175 ANGOLA RNA: 1040-1115 M ancr in FR, tlk about Vietnam & Africa, M w/talk in PT after 1100, ID. Poor-Fair (Jordan 3/11) See item under 6085 at top of page, please! -ScW
6180 GUATEMALA R. Nacional: 0445-0520 Marimba mx, full ID by M & W @ 0500 (Jordan-PA 4/6) *1100 NA, many ID's, w/call letters, local marimba mx (Zilmer, Klein, Jones-MS).
6185 MEXICO R. Educacion: 0340-0350 Classical guitar mx, ID's & tlk by M in SP (Jordan-PA)
6195 PERU R. Cusco: 1026, ID, long string of SP ads. P-F (Jones-MS 3/23).

Not as much this month as in the past few months, some good loggings, though

73's Steve

++

HELPING HAND: For sale or trade. Grundig Satellite #6001 (12 bands w/band-spread). Excellent condition. $150 includs shipping and insurance. Scott SLR-F (military, rack-mount, no cabinet) receiver. 80 - 550 kHz and 1.9 - 24 MHz. Excellent condition. $175 includes shipping and insurance. James P. Fraley, 3714 Herbery Avenue, Pennsauken, NJ 08109.

HELPING HAND: For sale. CRF-320, two years old. In excellent condition. Best offer over $875. Call Ed Grant at (212) 388-3733.

log report section C

MAY, 1979

6200-11699

TOM GAVARAS

16920 17th Ave. N, Wayzata, MN 55391 (612) 473-4515

ANARC 79

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##################################################################
# ALL LOGGINGS FOR NASWA'S LOG REPORT SECTIONS SHOULD BE SENT TO  #
# OUR DISTRIBUTION EDITOR: DAVID WALCUTT, 1521 RUTLAND #7,       #
# HOUSTON, TEXAS 77008.  HIS DEADLINE IS THE 12th OF THE MONTH.  #
##################################################################
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6200 ALBANIA R. Tirana; 0347 English ID & talk on struggle against imperialism (Bryan)

6206 LIBYAN WAVERS Mebo II Radio Ship; 0530 Arabic talk & Koran (Valko 3/10, Jordan 4/7).

6219h DOMINICAN REPUBLIC La Voz de la Libertad; heard well in Puerto Plata (5 X 1244 harmonic), certainly not a variant of 6190, which is off the air. Is located right on the beach, and has a 41st anniversary (1938-1979) T-Shirt advertising their cabanas and bungalows. (Hauser).

6280 NUMBER STATION; 0605 IS till 0609 then into English numbers (Valko 3/17). *What kind of IS, Dave?? (tgg)*

6345 CHINA CPA-2; 1120 Chinese talk by lady (Prath 3/11).

6383 MONGOLIA R. Ulan Bator; 1226-1228 woman singer and mandolin type music during brief gap in RTTY transmission. Trace of signals on this frequency a few days earlier. Is anyone else using this frequency? (Boomer 3/5).

6420t USA: BOOTLEG KCHS; pop music, LA area pirate "KCHS" noted tentatively here on 4/2 at 0442 with lady in vocal selection. Signal is poor with occasional fade ins. Tip from Don Erickson. Signal is detectable till past 0500 (Hywarren).

6665 CHINA CPA; 1130 Chinese talk by lady (Prath 3/11).

7050 EGYPT R. Cairo; 0015 Arabic home service program with local music (Zilmer 3/24).

7075 ALBANIA R. Tirana; 0000 English cmntry, talk & music (Zilmer 3/24).

7075 EGYPT R. Cairo; 0421 Arabic wailing with pauses (Valko 3/16).

7075 UNIDENTIFIED; Station here in Spanish, with male announcer with ham traffic and anti-Cuba talks. Heavy CW here and ID sounded something like "Radio Libertad Cuba." Was heard from 0505 till after 0535. I could not hear the other ham stations, just this guy with very good signals (in AM) and lotsa CW, which didn't make out to anything. Checks on other nearby frequencies revealed nothing. (Hywarren 7/4).

7110 MALI R. Mali; 0800 French music & talking (Arzt 3/8).

7116t THAILAND R. Thailand; 1433 Thai talk with local instrumental music. (D.W.Johnson 3/7)

7130 TAIWAN VOFC; 1130 Japanese talk with patriotic march music (Jordan 4/7).

7145 POLAND Polish Radio; 0315 English ID & talks on Polish Farms (Cucura 3/19).

7160 SARAWAK R. Malaysia; 1405 English ID & cmntry on the Rubber Market (D.W.Johnson 3/7).

7170 NEW CALEDONIA R. Noumea; 0756 French talk into news program (D.W.Johnson 3/18).

7170 TURKEY V. of Turkey; 2215 English with discussion on musical expression (Yajko 3/18).

7175 SICILY RAI; *0501 Chimes IS, ID in Italian into piano music (Valko 3/17).

7215 BRUNEI R. Brunei; 1335 English ID, Writers Workshop Program, etc. (D.W.Johnson 3/7).

7255 NIGERIA VON; 0603 English with pop Nigerian music, and talk (D.W.Johnson 3/30).

7270 POLAND Polish Radio; 0225 English "Song of the Day" and s/off (Prath 3/4).

7270 SARAWAK R. Malaysia; 1317 talk in lang., with local instrumental music (D.W.Johnson).

7320 USSR R. Moscow; 2133 English news & Science program (Valko 3/15).

7345 CZECHOSLOVAKIA R. Prague; 0145 English talk & mx (McClellan 3/14). 0343 English ID and answered letters (Bryan 3/18).

7355 USA: BOOTLEG (MINNESOTA) Voice of Venus; I received a call from Scott Wylld advising of a test. Faintly heard with Jethro Tull 0310. (Radcliffe).

7400 USSR R. Kiev; 0315-0328* English cmntry with "Music of Ukraine" (Waite 3/19).

7410 USA: BOOTLEG (MINNESOTA) Voice of Venus; 0207-0228 after seeing my request to be contacted in last months FRENDX, I received a call from the Voice of Venus and they gave a special transmission for me. Many ID's were given "You are listening to the Voice of Venus in Bloomington County on Lake Street." (Where is that??). Played music from Blondie, Gary Wright, BeeGees, and Bob Seger. Gave jokes, etc. Very good signal on SSB. Over the phone they gave their address for reports as: Free Radio Campaign USA, Road 2, Box 542, Wescosville, Pennsylvania 18106 (include return postage). Scott Wylld (Wild) is the announcer and he is 16 years old. Transmitter power is around 200 watts into a dipole. We also arranged test transmissions on Sunday (GMT) June 3 at 0800-0815 on 7410 to 7420 kilocycles. Also Saturday, June 9 from 2100-2115 GMT on 21510 kilocycles. (Gavaras 4/10).*Thanks for the call!! (tgg)*

7420 USSR R. Rodina; 0300 IS, ID in language into more talking (Alexander 3/13).

7425 USA: PIRATE (Presumed Florida) Radio Liberation; 0300-0335* English ID, Drugs by Radio course, Asian type music, etc. Address for reports is: Stu David Klein, 1225 S.W. 1st Avenue, Apartment 401, Gainesville, Florida 32601. If a taped recording of reception is also included with the report, a pennant will be mailed with the QSL card. (Gavaras, Higgins). 0200 English ID as "Voice of Free Grenada, operated by the National Front for the Liberation of Grenada. Sheesh!!! (Klein 4/1). * What???? (tgg)* Received a card from "Justin Case" of Radio Liberation: "At 0510 GMT April 8, 1979, "Guy Wire," "Justin Case," and all other personalities were silenced by the F.C.C. The location of Radio Liberation and person or persons involved is not important; the events that will follow in the personal lives of those concerned are. Radio Liberation's existance was not long, but fun. For what it's worth, Radio Liberation xmtd on 7425.767 kHz at peak 25w per agents. An interesting twist: the xmtr was used for the final time 0546-0548 by an agent, who broadcast a text disclaimer of Radio Liberation's legality after 0510 shutdown." (Gavaras).

7425 UNIDENTIFIED; Station here on March 28 from 0605 till 0677* heard with nothing but rock music from tune in till sign off. Music sounded Asian style, but was definitely rock. No announcements were heard. Possibly Radio Liberation testing? (Hywarren 3/28).

7437 USA: BOOTLEG (MINNESOTA) Voice of Venus; 0250-0310+ Received three telephone calls from Mark at the station. They are using a Heathkit transmitter 170 watts. (Barto 2/22).

7438 UNIDENTIFIED; 0318 Arabic chants and wailings with some breaks (Valko 3/16).

7450 NUMBER STATIONS; *0400 "N" code ID, German 5-dig numbers by YL to 0436* (Behr 3/21).

7550 KOREA (SOUTH) R. Korea; 2320 English magazine show & tourist information (Arzt 3/16).

7587 CLANDESTINE: NICARAGUA R. Sandino; 0431 Spanish on 3/30 with several announcers with wide variety of music and several ID's. Both male & female announcers are the same as my June 78 reception. Reception was fair, though suffering from UTE QRM. Reception was no where as good as June 78. Signal went off at 0514* after a choral march song. Follow-up loggings noted nightly with transmission on this frequency from *0400-0515*v. (Hywarren). First heard 3/14 and surprisingly good signals. 0006 ID "Aqui Radio Sandino, Voz de la Liberacion de Nicaragua," followed by a vocal march already heard too often on RHC. 0010 commentary on "imperialismo yanqui", 0039 music, 0040 gave sked as 5:30 and 11 p.m. on the "41 meter international band"(not Quite!) 0045 brief message which seemed to be relayed off the air, ID and s/off message at 0051, back at 11 p.m. "patria libre ---". Off at 0053 with nondescript anthem. The times still refer to CST tho BBC MS reports that Nicaragua has gone to EST (CDT) as an energy conversation measure. Also heard 3/30 0445-0513 and 3/31 0443-0501* including brief lessons at 0449 on "la bomba Molotov." Since it again gave broadcast time as "11 p.m." but went off the air then, may be observing DST now (Hauser). 0000 Spanish talks & songs to 0144* 3/19. Also *0400-0445*v almost daily with good signals (Behr 4/2). *0430+ Spanish cmntry on Samoza's autrocities, vocal march, ID's, etc. (Krueger 4/6, Novello 4/8, Pappas 4/2). 0600 Spanish ID, talk, guitar music, etc. (R.Jordan 4/8).

7670 BULGARIA R. Sofia; *0430 IS, Albanian ID, talk & music (Valko 3/16).

7770 CAMBODIA (?) V. of People Kampuchea; 1155-1202 Cambidian ID & talk (Valko 3/19).

7990 USSR R. Moscow; 0337 Spanish ID & answering letters. SSB Signal (Cucura 3/19).

8903 HONG KONG; cf April LR-C: I received a letter from Don Jensen concerning last months report. "The purpose or intent of the station is the deciding factor, insofar as it can be determined. Everything I know about Hong Kong Radio says it is a VOLMET station. It shares frequencies with other VOLMET stations in Hawaii, Tokyo, Anchorage, etc. It is operated by the Telecommunications Division, Civil Aviation Department. While the Royal Observatory may generate pips, which are transmitted by Hong Kong Radio, I know of nothing to indicate that the observatory operates a shortwave transmitter or airs any broadcasts. I think there might be very good reasons why pilots might find accurate time sighals, along with more normal VOLMET information useful. I really don't see any credible information to support speculation that this is a broadcast service intended for the general public in Hong Kong."

9022 IRAN VOI; 0055 Farsi ID, Tilavat (Holy Koran recitation), Azan (call to prayers). (Shah 3/26). 0410 lang talk w/Arabic style music//15084 kHz (Alexander 3/27).

9450 USSR R. Moscow; 0252 Spanish talk on human rights violations in Chile (Halsema 4/5).

9475 EGYPT R. Cairo; 0200-0330 English news, Egyptian music, ID & cmntry on Pres. Carter. (Jordan 3/14, Kissane 3/9, Valko 3/16, Halsema 4/5).

9480 ALBANIA R. Tirana; 2030 English ID & cmntry (Cucura 3/18). 2100 French ID into news program (Prath 3/25).

9490 USSR R. Moscow; 0000 English news & Science & Engineering (Fraser 3/23). 0301 English News headlines (Halsema 4/5).

9500nf PHILIPPINES FEBC; *1300 IS, Russian Relig pgm to 1500 (when USSR sta s/on)(Behr 3/9).

9505 DOMINICAN REPUBLIC RTVD; 0158 Spanish ID & Freq w/Opera music (Valko 3/16). RTVD still plans a 3-hour daily international service at 2300-0200 including "DX Caribe" GMT Thu 0030-0130. Mostly in Spanish at first, but with English news and EG segments in DX Program. Studios and offices have been constructed on the 4th floor of the

RTVD building, but not yet complete. Director is Teo Veras, successful local broadcaster who was host during my stay along with RTVD's person in charge of international correspondence section, Jose Rhadames Cabrera. Recent reports are being held for the imminent arrival from printer of new QSL cards. They hope to get the omni antenna modified to favor North America. I hope to get the QRMed frequencies madified. Transmitters on 9505 and 5970v are at different sites. (Hauser).

9515 GREECE VOG; *0000 IS, Greek announcer into English at 0015+ (Kissane 3/17, Cucura 3/20, Valko 3/16). 0200 Greek program w/lots of QRM (Kissane 3/9). 0300+ Greek talk by man & woman with Greek music (Valko 3/16, Halsema 4/5).

9515 SPAIN RTVE; *0730 IS, Spanish ID and talk by man & woman (Klein 3/30).

9515 TURKEY VOT; 0412 Turkish music & talk (NO NAME 3/11). 2140-2212+ English ID and talk about Iran (Cucura 3/18, Klein 3/30).

9520nf EGYPT R. Cairo; 0400 Arabic ID, mention of Sadat, Israel, Carter and much Arabic music (Jordan 3/11).

9520 PAPUA NEW GUINEA NBC; 0740 English commercials and pop music (D.W.Johnson 3/15).

9525 POLAND Polish Radio; 0201 English news, pop music, ID & asked for reports (Kissane).

9530 JORDAN R. Jordan; 1030-1100* Spanish ID and Latin American music (R.Jordan 4/7).

9530 MALTA IBRA Radio; 2109-2115* English religious talk & ID (Cucura 3/19).

9530 USSR R. Moscow; 0330 English interviews and news summarys (Halsema 4/5).

9535 ANGOLA R. Nacional; 1420 Portugese/French talk, ID & local string mx (Jordan 3/10).

9535 CANADA RCI; 0300 English news (Grenier). 0400 English nx & sports (Calzaretta 3/12).

9545 SOLOMON ISLANDS SIBS; 0726 Ad in Englisg for Lux Soap into Rolling Stones (Brookwell)

9565 MALTA DW; *0129 IS, English ID into news program (Kissane 3/21).

9570 AUSTRALIA R. Australia (Shepparton); 1230-1300* English nx & mailbag (Fraser 3/11)

9570t QATAR QBS; 0419 Arabic talking and music (Bryan 3/11).

9575 ITALY RAI; 0115 English program with Italian music (Artz 3/5).

9580 AUSTRALIA R. Australia (Shepparton); 1139-1250 English mailbag, letters to the editor, etc. (Prath 3/25, E.Hoffmann 4/5, Earhart 4/2).

9580 USSR R. Kiev; 0040 English info on USSR. (Artz 3/22)

9585 JAPAN R. Japan; 2103 English news read by a man (Valko 3/12).

9585 SOMALIA R. Mogadishu; 0712 Lang ID with local music (D.W.Johnson 3/24). 2048 Arabic chanting with March music (Valko 3/10).

9590 NETHERLAND ANTILLES R. Nederland; *0230+ English w/His & Hers, news, etc. (Calzaretta 3/27, J. Williams 4/7). 0300 Completely missing here and on 6165 on 3/25, two days after it mentioned on DX Juke Box that no lightning protection is needed since Bonaire is one of the few places in the world lacking thunderstorms (Hauser).

9590 NORWAY R. Norway; 0730 Norwegian talk, interview and music (Jordan 3/9).

9590 OMAN BBC; 0300 English news and features (Jordan 4/8).

9590 PHILIPPINES R. Veritas Asia; 1305 English w/sked, DX pgm & Previews (Jordan 3/23).

9595 JAPAN R. Japan; 0850 Japanese talk & 1305-1400 Japanese interviews & ID (Jordan).

9610 AUSTRALIA ABC (Perth); 1345-1534+ English ID, Horse Racing. Pop mx (D.W.Johnson,Valko)

9610 MALTA DW; 2135 Portugese news and commentary on Bhutto's Execution (Halsema 4/4).

9615 ETHIOPIA VORE; 1500 English ID, cmntry, Western mx, etc. (Jordan 3/13).

9620 UNITED ARAB EMIRATES VOUAE; 0420 Arabic chanting by man. Poor to fair signal (Valko 3/26). *Dave: Did you hear an ID?? Otherwise this report should be marked as tentative! (tgg)*

9620 YUGOSLAVIA R. Yugoslavia; 2206-2213* English news, ID, IS, etc. (Waite 3/31).

9625 CANADA CBC NS; 1535 English interviews with song by Randy Newman (Valko 3/10).

9635 BRAZIL R. Aparecida; 0904 Portugese ID by man, jingle, "Ave Maria" to seemingly patron Saint Maria do _____, then more religious programming (Pappas 4/6).

9630 SPAIN Spanish Foreign Radio; 0045 English ID & cmntry on Basques (Shah 3/26). 0130 English news, cmntry & mx (Kelly 3/19). 0600 English w/Spain Today (Calzaretta 3/12). 2140 Spanish with weather (Halsema 4/4).

9633.7 COLOMBIA R. Nacional; 0145 English lessons //11792,13848,15334, all good (Behr 3/23)

9640 KOREA (SOUTH) R. Korea;1603 English news & Editorial (Gregory 3/21).

9660 VENEZUELA R. Rumbos; 0625 Spanish mx & talk (Alexander 4/1). *0900 NA, ID, Call freqs, TCS, mx, etc. (Jones 3/21). 1155 Spanish ID & talk (R.Jordan 4/2).

9670 AUSTRALIA R. Australia (Shepparton); 0750-0910 Keith Glover, nx (Jordan.Alexander).

9675 JAPAN R. Japan; 1644 English cmntry on Arab Nations (Bryan 3/16). 1110 English news and children's choir (Jordan 4/7).

9680 AUSTRALIA ABC (Melbourne); 0800 English ID, nx, cmntry. pop mx (Cucura 3/21).

9685 BRAZIL R. Gazeta; 0825 Portugese music program with full identification (Jordan 4/4)

9690 USA WYFR (Florida); 2103 English w/Sounds of the New Life (Halsema 4/4).

9695 SWEDEN R. Sweden; 0230 English news, Panorama and ID (Kelly 3/19).

9705 BULGARIA R. Sofia; *0000-0100* English ID, nx, cmntry, talk on Bulgarian Economy (Shah 3/26, Earhart 3/8, Waite 3/31, Insalaco 4/3, Cucura 3/5).

9710 MALAYSIA R. Malaysia; 1358 Lang with slow chanting & possible ID, mx, nx (D.W.Johnson)

9710 USSR R. Moscow; 2330+ English news, cmntry, DX Program (Reynolds, Kissane).

9715 CHILE VOC; *0030+ English cmntry & Chilean music (Ottaway, Brookwell, Zilmer).

9715 NETHERLAND ANTILLES R. Nederland; 0530+ English w/DX Juke Box (Grenier, R.Jordan).

9715 PHILIPPINES FEBC; 1345 Japanese talk, ID & orchestra mx (Jordan 3/23).
9720 KOREA (SOUTH) R. Korea; 1600 English news highlights of the week (Reynolds 3/4).
9720 SRI LANKA SLBC; 1248 English ID w/late 1960's pop music (Jordan 3/25).
9725 SWITZERLAND SRI; 0430 English Swiss SW Merry-Go-Round (Kelly 3/25).
9730 GERMANY (EAST) RBI; 0100 English news, cmntry, music//11805 (Reynolds 3/10, Fraser 3/17, Gregory 3/18, Cunningham 3/15, Kelly 3/23).
9740 SINGAPORE BBC; 1647 English cmntry on Brazilian government's new Pres. (Bryan 3/16).
9745 IRAQ R. Baghdad; 2126-2150 English IS, ID, cmntry on Zionist enemies (Zilmer 3/25. Diechmann 4/2, Jordan 3/13).
9750 VENEZUELA (?); At noontime on La Romana beach, strong LA signals here 1622 3/21, believed from Venezuela, but not enough time to ID (Hauser).
9760 ENGLAND BBC; 2107 English news & correspondence reports (Halsama 4/4).
9770 AUSTRIA ORF; 0300 English Shortwave Panorama (R. Jordan 4/1).
9780 YEMEN ARAB REPUBLIC R. San'a; 0320-0435* Arabic news and music (D.W.Johnson 3/21, Bryan 3/11). 2050-2113* Arabic ID, Poem, features, etc. (Jordan 3/12).
9795 USSR R. Moscow; 2200 English news and talk on China's invasion of Vietnam (Reynolds).
9805 EGYPT R. Cairo; 2118 English tlk & mx (Halsema 4/4). 2230 EG cmntry (Brocktoll 3/24).
9815 ISRAEL IBA; 2000 English talk on Begin & Carter (Reynolds 3/4). 2230+ English news and letterbox (Reynolds 3/10, Kissane 3/20). 0300 Hebrew relays on extended sked after peace//11620, 11635, 11655, 15485, 15415, all very good (Novello 3/27).
9820 CHINA R. Peking; *1200 English nx, In the Peoples Commune, etc. (Williams,Jordan,Fraser
9850 EGYPT R. Cairo; 2120 Arabic talk & music (Halsema 4/4).
9870 KOREA (SOUTH) R. Korea; 1330 English ID & News of past week (Zilmer 3/25).
9895 HOLLAND R. Nederland; *0900 English ID, nx, cmntry, mx, etc. (Cucura 3/5).
9953 CLANDESTINE R. Freedom of S. Yemen; 1948 w/Arabic music (Valko 3/10).
9977 KOREA (NORTH) R. Pyongyang; 1112 English talk on friendship (Abbey 3/18). 1200-1248* English ID, local mx & cmntry (Waite, Jordan, Gregory). 1535 EG ID (Kissane).
10040 VIETNAM VOV (Hanoi); 2030 English news (Reynolds 3/4).
11330 CHINA CPA; 2325 Chinese talk by lady with occasional mx (Prath 3/4).
11350 KOREA (NORTH) R. Pyongyang; 1715-1759* lang talk with oriental music (Kissane 3/13). 2340 Korean program of talk & music (Prath 3/4).
11505 CHINA CPA; 2345 Chinese talk by YL with local music (Prath 3/4).
11515 CHINA R. Peking; 2355 Chinese talk by YL & music (Prath 3/4).
11600 CHINA R. Democratic Kampuchea; *1200 anthem, Khmer talk & mx to 1256* (Behr,Valko).
11620 INDIA AIR; 1816 English ID & mx (Valko 3/10). 2140 EG news & tlk (Underdown).
11620 ISRAEL IBA; 0000 Hebrew special peace signing broadcast//9815,11635,11655,15485, 15585, 17630. (Zilmer 3/27). 2218 French talk; 2230 English news & DX Corner (Abbey 3/18, Underdown 3/5).
11650 CHINA R. Peking; 1200 English news and commentary (Zilmer 3/28).
11655 ISRAEL IBA; 0500 English news about Peace Treaty (Jordan, Woltman, Earhart).
11700 VATICAN STATE Vatican Radio; 2055 English religious pgm (Prath 3/18).
11700 I had the great pleasure of meeting Rudy Espinal, formerly of Radio Clarin, a few days before his departure for a 2-year advertising job in Caracas. He was very proud to have been invited to be the keynote speaker at the 1979 ANARC Convention in Minneapolis and is looking forward to it very much. He feels that "This is Santo Domingo" was the high point of his broadcasting career and would like to bring it back someday on some station, even if it has to be called "This is Caracas." (Hauser)

ANARC 79

Association of North American Radio Clubs
1979 Convention Committee
3320 Grand Avenue South #305
Minneapolis, Minnesota 55408 USA
Telephone: (612) 825-6405

THE DX LISTENERS' SUPERCONVENTION JUNE 22-23-24 MINNEAPOLIS RADISSON DOWNTOWN HOTEL

This summers ANARC Convention is really shaping up! Plans of attendance have been received from Joe Adamov of Radio Moscow's Moscow Mailbag (pending U.S. State Department approval), Rudy Espinal of Radio Clarin, Ian McFarland of Radio Canada International's DX Digest, Bob Zanotti of Swiss Radio International's Swiss Shortwave Merry-Go-Round, Stewart Spencer of the Voice of America's Magazine Show, Roger Stubbe of HCJB's Engineering Staff and other international broadcasters, radio manufacturers, DX Clubs, noted scholars and personalities in shortwave communication.

While the organized activities are an important part of an ANARC Convention, probably the most enjoyable benefit of attending is the chance to partake of long, facinating discussions of DX listening, some of which has been known to last until dawn. ANARC 79 gives you a rare opportunity to meet a large number of individuals who share your hobby interests. For more information, write to the above address! Canadians can write to: 1979 ANARC Convention, P. O. Box 142, Thunder Bay, Ontario, Canada P7C 4V5. Be sure to enclose a SASE!

For guaranteed hotel accommodations, return this form to the following address by May 15, 1979:

ANARC 1979 Convention
P.O. Box 14161
Minneapolis, Minnesota 55414 · USA

ANARC 79

OFFICIAL REGISTRATION FORM for the 1979 International Convention of the Association of North American Radio Clubs, to be held June 22-23-24 at the Radisson Downtown Hotel, Minneapolis.

NAME_____

ADDRESS_____

_____

Date arriving in Minneapolis:_____ Date leaving:_____

Hotel requirements (check one):

_____Single occupancy (your room deposit is $28.00)

_____I have arranged to share a room with the following person(s):

1. _____ 2._____

(Your room deposit is $16.00 if sharing with one person, $13.67 if sharing with two persons; be sure each roommate sends a registration form, room deposit, and convention fee - this may be done separately or in the same envelope.)

_____I would like the convention committee to arrange roommates for me. (Your room deposit is $16.00, although your nightly room cost may be lower, depending on the number of roommates you have; any remainder will be credited to your second night's stay. We anticipate no difficulties in finding roommates; however, no guarantees can be made.)

_____I require special accommodations (such as a suite or extra room for family members). (In this case, please make your own reservations with the Radisson Downtown Hotel, telephone (612) 333-2181. Send no room deposit to the convention headquarters, but do send this registration form and convention fees.)

_____I am attending the convention but not staying at the Radisson Downtown Hotel. (Send registration form and convention fee only.)

CONVENTION FEE: $16.00 per person, to be sent with this registration form and room deposit. This fee includes the Saturday evening banquet and all convention activities. Add $12.00 for each family member who will be attending the Saturday evening banquet, and write the names of these family members at the bottom of this page.

Payment should be made by check or money order in U.S. funds, payable to ANARC 1979 Convention. (If you live outside the United States, use some form of international money order, available at your bank or post office.)

Room deposit $_____

Convention fees $_____

TOTAL $_____

HELPING HAND: For sale. I have obtained some extra back issues of FRENDX which I will sell for $5.00 per year complete for the following years. 1974, 1975, 1976, and 1977. Write to David Walcutt, 1521 Rutland #7, Houston, TX or call (713) 862-4909.

log report section D

11700 & ABOVE

BOB BROWN

This is probably the only record most of us ever see on high frequency broadcasts. Most schedules don't even show the higher freqs., they just pick them at the last minute when & where conditions are good. So keep reading log reports for all of the latest & best...

* *

11705 BELGIUM BRT; 0005-0040 EG, Brussels calling, Nx, Cmntry, Dx Px, 17745 at 1610 much better, ex 6080. //15190 (Jordan-TX, Rubin, Zilmer)
11710 ARGENTINA RAE; 2330-2345 EG, ID, M & W Tk abt the weeks pxs (Kissane)
11710 USA VOA; 1700-1720 EG Nx & Tk. (Kelley 4/7)
11720 AUSTRIA ORF; 0145 EG, This was a surprise here. Must have been a test or switching error as not here on 3/24, only SP as sch. (Hauser 3/19)
11720 USSR RSP&P; 1311-1359 EG, "Mailbag", "Roundup" etc. (Gregory 3/25)
11730 FRANCE RFI; 0435-0445 FR cmntry by M & W into Mx. (Earhart 4/1)
11730 GREECE VOG; *0000-0031 & 0215 EG Nx into GK at 0029. (4- Reporters)
11730 MADAGASCAR R Neth; 1645 AR Mx, EG cmntry, ID (Bryan 3/16)
11735 CYPRUS BBC; *0030 EG, "Play of The Week" (Zilmer 3/18)
11735 FINLAND FIR; 2330-0000 EG, "Finnish Features" (Jordan-Tx 4/8)
11745 TAIWAN VOFC; 1200-1310 CH Nx into local Mx, ID, IS (Jordan-Pa. 3/28)
11755 CHILE VOC; 0352 FR, Usual propaganda, ID, good (Wilkinson 3/23)
11760 GREECE VOA; 1803-1805, EG Nx, fair (Halsema 4/4) (short px- ed.)
11780 BRAZIL RNB; 0310-0320 PT, ID, W Vocalist w/ guitar Mx (Jordan-Pa 3/21
11790a INDONESIA 1215-1450 EG, NX, cmntry, Mx (6- Reporters)
11790 USA AFRTS (Greenville); 1800-1830 EG Nx & Mx (Reynolds, Halsema)
11790 USSR R Kiev; 0315-0330 EG Nx, "Mailbag" (Clark 3;7, Kunz 3/20)
11795 NIGERIA VON; *0550 EG ID & Frequency schedule (Simaschko 2/11)
11815 JAPAN 1200, 1603, 1704 EG, Asian Nx, cmntry, ID, (3- Reporters)
11815 PORTUGAL RFE; 1814-1816 RM cmntry, good (Halsema 4/14)
11815 POLAND PR; 0200-0230 ID, Nx, cmntry, Best ever here- (Williams, Prath *0300 EG cmntry on Natural resorces. NA Service of PR (Kunz 3/20)
11830 SPAIN SNR; 1916-1921 SP sports (futbol) to Africa, (Halsema 4/4)
11835 URUGUAY REE; 0959+ SP ID, Mx, Tk (Valko 3/17)
11840 CHILE VOC; 1100 EG cmntry on Trade & Economics in Chile (Zilmer 3/21)
11840 ECUADOR HCJB; 0500 RS Service w/ IDs etc. (Underdown 3/8)
11840 ROMANIA R Bucharest; 0402 EG Nx & ID, fair w/ QRM (Wilkinson 3/23)
11845 CANADA RCI; 0320 EG, Funny Px abt "Kirk & Spock" of "Star Trek" filling out Kirks tax return. good (Goldman 3/30)
11845 CHILE VOC; 1102 EG ID & Sched. (Valko 3/16)
11845 FRANCE RFI; 1921-1924 FR Sports Nx, fair (Halsema 4/4)
11845 SWEDEN RS; *2100-2130* EG Nx to AF, "Panorama" (Jordan-Pa, Simaschk0)
11855 BULGARIA R Sofia; *0430 EG Nx //9700, 11720, 11920, 21030 (Johns 3/28 0450 EG DX Px abt QRP for Hams, Bdcst on their 500 meg xmtr (Hauser)
11860 FRANCE RFI; 1920-1930 FR Mx, poor to fair (Halsema 4/4)
11860 USSR RMWS; *2300-2400, 0109 EG Nx & cmntry (Abbey 3/16, Fraser 3/8)
11866.5 LIBERIA ELWA; 0625 EG/ Lang, IS, ID, Childrens choir (Johnson 3/17)
11875 GERMANY RL; 1930-1937 RS Mx, fair to good (Halsema 4/4)
11880 AUSTRALIA RA; 1630 EG Mx Px into "Sporting Magazine" (Swanson 3/4)
11880 SPAIN SFR; 0005-0030, 0600 EG Nx & Tk, Folk Mx, (3-Reporters)
11885 URUGUAY R Sodre; 0440-0455 SP Mx (Kelley 4/6)
11890a AFGHANISTAN RA; 1700-RS, 1830-GM, 1900-EG, ID, Nx, Tk, Mx(Behr,Boomer
11890 OMAN RO; 1915-1920 AR, ID, Chants, Sitar Mx, Vocals (Jordan-Pa 4/7)
11890 E GERMANY RBI; 0410 EG Sports report, Tk on skating (Kunz 3/20)
11905 SWEDEN RS; 0045-0100 EG, "DX Px", "TOurism", QRM-both sides. (Earhart Fraser);)100-0130 SW Nx & Tk (Simaschko 2/23)
11910 MALAYSIA BBC; 0245 EG comedy show, (behind R Budapest) (Kunz 3/23)
11910 SWAZILAND TWR; 1830-1850 FR, ID, Folk Mx, DX Px, Hymns, (Jordan-Pa)
11910 UK BBC; 2315-2335 EG, "From the Weeklies", "Take it or Leave It" (Aboard Amtrak train enroute Wash. DC to BALT. MD.) (Halsema 3/30)
11915 ECUADOR HCJB; 0100, 0200, 0400 EG, Usual programs (3-Reporters)
11920 IVORY COAST RIC, 0635 FR, DJ w/ vocal pop mx, ID, QRM-HCJB (Johnson)
11920 JORDAN RJ; 0328 AR ID, IS, "Call to Prayer", Koran rdgs. (Lobdell)
11930 SPAIN REE; 1940-1943 SP, Nx, Sports, fair (Halsema 4/14)
11935 LIBERIA ELWA; 0720 Lang., ID, Rel. Px, QRM-R Neth. (Underdown 3/4)
BRAZIL RCP; 2230-2250 PT, IDs, Anmts, Adds, Pop Mx, (Jordan-Pa 4/7)

11935 SRI LANKA VOA; 1710 EG, Alice Richman in N. Y. tking abt women in sympathy w/ women in Iran. Yemens border conflict. (Bryan 3/16)
11940 SINGAPORE RS; 1130, 1430, 1538, 1600 EG, Nx, EL Mx, Pop Mx, (5- Rep)
11950 KAZAKH SSR R Alma Ata; *2358-0031 Lang, IS-chimes & bells (Howard-Ca)
11950 SAUDI ARABIA BSKSA; 0530-0600 AR, Chanting, Vocals, Inst. (Jordan-Pa
11955 PHILIPPINES R Veritas; 1220, 1308-1330 EG Nx, "Listeners Club" into Lang at 1230, fair to good (Jones-Miss., Underdown 3/16)
11955 TURKEY RT; 1945-2230. 0450 EG, Nx, Mx, cmntry, "Letter Box" (6-Rep)
11960 ISRAEL IBA; 1945-1959 RS, Nx, Israeli EL Mx, good (Halsema 4/4)
11965 BRAZIL R Record; 0030 PT ID, Braz. Mx, //15135 (behr 2/26)
11965 RWANDA DW Kigali; 1715 EG ID, freq ck. cmntry on SA. (Bryan 3/16)
11980 USSR Mayak; 1828 RS, Mayak IS into classical Mx Px (Underdown 3/20)
11990 KAMPUCHEA VODK; *1200-1255* Cambodian, IDs, Tk, fair to poor (Jorsan)
12000 USSR RMWS; 2107-2110 EG Nx to Africa, fair (Halsema 3/11) (short Px)
12010 USSR RM NA-Service; 0130-0200 EG Nx, DX Px, fair, //15450-poor (Fraser
12033 VIETNAM VOV; 1647 RS, YK w/ cmntry, //10040 (Poppin 2/22)
12050 EGYPT R Cairo; 2112-2135 AR Poetry & Mx (Halsema 4/4); 0205-0330* EG Mx, "mailcall", General Nx & Welcome Home to Pres. Sadat. (3- Rep)
12055 USSR Vlad?; 0559 EG World Serv. Px (Brookwell 3/7)
12060 USSR RMWS; 0330 SP, Political Tk on Vietnam,//12030, 40, 70 (Prath 3/7
12070 USSR RM (Tent); 0410-0432 RS, W Tk, Classical Mx, (Earhart 4/1)
12075 USSR RMWS; 1631-1645 EG, Pop Mx, //12010, 12020 (Kissane 3/15)
13848 COLOMBIA R Nac.(tent); 0345-0402 SP, Long Philarmonic Orchestra Number No ID but believe R Nac due to prev. rpts. of Hauser/Zilmer (Earhart)
13960 USSR (QTH?) 0430 RS Nx, Big Band FR records, RM IS into RS Nx, (BBC-MS skeds 5th Px as SSB but was AM) (Brookwell 3/7)
14430 UNID Time Station, ID'd as "Ven", QRM-USSR, (Underdown 3/18)
15045 GRENADA R Free Grenada; 2140-2245* EG ID, Pop Mx, Freq scd. (Behr 4/1 Zilmer 3/27); 2244 * This Station expanded its bdcsts after the coup of 3/14 aimed at the SW station. //15104, 15370 (Hauser 3/26); 2140-2245* EG, Daily since the takeover of Gairy's govt. by the Brother Maurice Bishop. //15105, 15045 (3x5015 xmtr) (Krueger 3/26)
15060 CHINA R Peking; 0115-0200 EG, Nx, Mx, Lang. lessons. (Kelly 4/3)
15085 CHINA R Peking; 1420-1430 EG Tk on coal mining. (Kissane 3/6)
15091.5 UK ? BBC WS; 2030-2200 EG, Unusual freq, not an image, //15070 (Behr)
15105 ASCENSION ISL BBC AF Serv.; 1728 EG, AF Nx, cmntry (Bryan 3/16)
15105 AUSTRALIA RA; 1245-1300 EG ID into CH Px, (what site-Behr, Underdown)
15105 GRENADA R Free Grenada; 0100-0230 EG, "Govt. speech", "Reading of Peoples Rules"Local & pop Mx. (6- Reporters); They claim //15045 & 15370 but I believe they are only on 1 txmtr at a time. At 2110 switch to 15370 is announced but they go to 15045. (Hauser 3/26)
15105 JAPAN RJ; *0300 EG News, IS (Simaschko 2/23)
15105 MALTA DW; 0005-0015 SP/GM ID, M Tk in SP, Mx (Kissane 3/31)
15115 CHILE VOC; 1125 EG Px w/ YL anncr. (Underdown 3/13)
15115 ECUADOR HCJB; 0030-0200 EG, "Through the Bible" (Fraser 3/15); They announce // 11915 but it is missing both from their published & broadcast schedules. (Hauser 3/19)
15120 NIGERIA VON; 0640-0705 AR/ FR, ID in FR, Tk in AR, (Jordan-Pa 4/6)
15120 POLAND PR; 0200-0315 RG, Nx, Tk, Mx, "Mailbag", best ever (5-Rep)
15120 VATICAN VR; 2210-2223* EG, Rel. Nx, cmnt on Canadian Indians (Zilmer)
15130 USSR RM; 1148-1240 EG Nx, Mx, "People & Events"(did not sound authentic) (Watts 3/7); 1330 EG Nx, cmntry, Mx, //21490 (Zilmer 3/18)
15135 BRAZIL R Record; 0030 PT, ID, Nx, Sports, (Behr 2/26)
15150 ANTIGUA DW; 1255 EG ID into GM Service, IS, QRM-RMoscow (Underdown)
15160 MOROCCO RTVM; 1850-1905 AR Tk by OM, chants, string Mx, (Jordan-Pa)
15160 USA WYFR; 1700-171- EG ID, UP NX, cmntry on "Peace Treaty" (Jordan-Pa)
15165 ECUADOR HCJB; 0430 EG Religious Px, Tk & Mx (Kunz 3/20)
15170 SOCIETY ISL R Tahiti; 0258-0450, TT, Local Mx, TK By M (Kissane 3/6)
15175 EGYPT R Cairo; 0240-0250 EG Tk by W on gardening. (Cunningham 3/13)
15185 USSR RSP&P; 1345-1400 EG, "Magazine on USSR" (Arzt 3/15)
15190 BELGIUM RTB; 0015-0100 EG Nx, cmntry, "Mailbag", (Zilmer 4/3)
15210 UNID *0544, Pre s/on AF-sounding IS, s/on in FR at 0600 . missing next 3 days back on 4th day. Tk & Mx ID-unreadable. I suspect the Congo but no //freqs found. Strong sig. "Help" (Brookwell 3/31)
15210 USSR Vlad; *0630-0700 CH Px to SEA, Tk & Oriental Mx, (Brookwell 3/31)
15215 W GERMANY RFE; (or Portugal) *0630-0700 RM Tk, many ISs (Brookwell)
15220 HUNGARY R Budapest; 0315 EG, Cmntry, QRM WYFR- 15215 (Kunz 3/22)
15220 SOUTH AFRICA RSA; 0230-0240 EG, African cmntry (Shah 3/24)
15225 TUNISIA RTVT; 0650-0800 AR, ID, Tk, Folk Mx, (Arzt 3/9, Jordan 3/31)
15220 USSR RMWS; 1240 EG, "Music at Your Request" Px w/ every thing from Strauss to UK folk Mx to Olivia Newton-John (Hauser 3/31)

15235 S AFRICA RSA; 0723-9755 EG Px w/ commercials, only day noted , This has been reported on 15285. (Underdown 3/7)
15240 AUSTRALIA RA; 0600 EG, Cricket Match between Aust. & Pak. (3-Rep)
15240 SWEDEN RS; 1600 EG, "Mailbag" (Grenier 3/18)
15240 YUGOSLAVIA RY; 1540 EG IDs & Nx w/ YL & OM (Hensley-Tx 3/26)
15250 INDIA AIR; 2300 EG Nx & Indian Mx to 0115* (Behr 3 23)
15260 AUSTRALIA RA, 0607 EG WNx & Aust. Items in brief. (Grenier 3/24)
15260 CANADA RCI; 1800 EG, "DX Digest" (Swanson 3/4); BBC suddenly acquired a new relay site to Africa, when a switching error fed BBCWS on this freq. when RCI was joined in progress. (Hauser 3/25)
15265 CHINA R Peking; 0001 Indo Px QRMed by R Finland to 0000 when freed for clear channel to SEA. (Brookwell 3/20); 1200 EG Nx, (Zilmer 3/24)
15265 FINLAND FIR; *2300-0000* EG Nx, cmntry, QRM-R Peking (Abbey, Brookwell
15275 W GERMANY DW; 0529-0630* EG, ID, IS, "Good Morning Africa", RSA has the same Px title at the same time. Is it the same Px?(Watts,Brookwell
15280 NEW ZEALAND RNZ; 0425-0500 EG, Sports & Music (Simaschko 2/23)
15285 BANGLADESH RB; 1230-1258 EG IDs, very poor (Waite 3/10)
15285 S AFRICA Springbok R; 0630+, EG Nx, Mx, Adds, (Alexander, Watts)
15280 BRAZIL RNB; *0200-0300* EG, This experimental bdcst of mostly Mx & a few talks is scheduled to last for 90 days, Announcer John Morris is requesting reception reports & comments. Very strong signal blocking out KGEI completely in the East, but QRM in the West. (17-Reporters)
15290 ARGENTINA R El Mundo; 0000 SP Mx, Time pips on the hour (Zilmer 3/31)
15295 USSR Vlad; RS, M & W Tk, Class Mx, This freq used by a different QTH before 0700 w/ CH Px. (Brookwell 3/30)
15320 AUSTRIA ORF; 1955 GM, IS, ID, Viennese Waltzes, QRM-RCI (wilkinson)
15325 UGANDA UBC; 0300-0400 EG, IDs, Mx, Nx, cmntry, (6-Reporters); *0305v, Drum IS, Few anncts. filler Mx-no news. Pres. Amin came on to pleade for his people to fight against the invading Tanzanians. The studios are in Kampala & txmed from Soroti. Perhaps the bdcst is now originating from Soroti. (Hywarren-Man. 4/6)
15330 GREECE VOA; 0635 EG, VOA vs AFRTS, What a mess, "For shame" (Klein)
15335 COLOMBIA R Nac; 1045-1057 EG lang lesson (Zilmer 4/2); 0220-0245 IS heard very weak under Uganda. (Valko 3/16)
15345 KUWAIT RK; 1800-2000 EG, IDs, Nx, Mx, (7-R porters)
15345 NEW ZEALAND RNZ; 0345-0632 EG, ID, Nx, Pop Mx, (4-Reporters)
15360 ECUADOR HCJB; *2300-0008 GM, EG s/on into Rel PX. (Valko, Wilkinson)
15370 BRAZIL R Band; 2300 PT, ID, Pop Mx, Adds, Tk (Zilmer 3/22)
15370nf GRENADA RFG; *2315+ EG ID, Nx, cmntry (4-Reporters); RFG has mada a rather cagey freq choice here due to the QRM on 15105. This was last listed for W.I.B.S. in WRTH 1961. Very clear as jamming goes off at 2300. Bingo numbers & inter. w/ new PM Bro Morris Bishop. (Hauser)
15385 CHINA R Peking; 0300 CH Tk, poor (Kunz 3/22)
15385 ITALY RAI; *1830 Lang, IS & ID (Simaschko 2/16)
15390 UK BBC; 1230 EG by radio (Zilmer 3/18)
15395 USSR RMWS; 0400 EG Nx (Simaschko 2/10)
15405 SEYCHELLES FEBA; *0345-0350 AR, IS, ID, Tk by M & W, good (Cunningham)
15420 ECUADOR HCJB; 0800 EG, "DX Party Line", "What the dingus are they doing here now? (Klein 3/28)
15420 PAKISTAN RPI; 1340-1400/0200-0210 URDU, ID & Mx (Jordan-Pa, Shah)
15425 SRI LANKA SLBC; 0047-0255 EG, ID, "Birthsay Greetings" (3-Reporters)
15430 MEXICO RM; 0145-0215 SP, ID, World & S Am. Nx (Jordan-Pa 3/15)
15440nf LEBANON RL; 0130-0300 EG/FR/SP/AR, IS, ID, Nx, Mx, QRM-TWR (3-Rep) Right band, wrong freq in their never ending search. (Hauser-TN)
15440 PHILIPPINES FEBC; 1503-1530 EG Rel Px, QRM-R Moscow (Gregory 3/26); 0915-0945 Lang, news, Music (Arzt 3/9)
15465nf PAKISTAN RP; 1700-1730 EG News, cmntry //11675 (3-Reporters)
15485 ISRAEL IBA; 2320 EG, On all night for several nights in celebration of the peace treaty. Mostly music. (Hauser 3/26)
15520 CHINA R Peking; 2330-2355* SP ID, CH Mx (Shah 3/24); 0330-0355* SP Px to S Am. Hvy QRM (Brookwell 3/30)
15585 ISRAEL IBA; 0000-0030 HB, Special Reshet Bet & Galei Zahal Px for the Peace signing in Wash. (Zilmer 3/27, Earhart 3/25&26)
15790 CHINA R Peking; *1450-1520 EG, ID by YL into Mx (Jordan-Pa, Ottaway)
17605nf ISRAEL IBA; 1200-1230 EG Nx, cmntry, (many // freqs) (Zilmer 4/8)
17610 LIBERIA VOA; 1630-1655 EG, ID- AF Svc. "Request Px (Jordan-Pa 3/13)
17665 PAKISTAN RP; 1100-1115 EG Nx in slow speed, anncd use of //21655 starting in 3/21. (Zilmer 3/19); 0725 URDU, Tk, chants (Johnson)
17695 HOLLAND R Neth; *1830 EG Nx & Mx to Africa. (Simaschko 2/19)
17695 UK BBC; 1430-1445 AR News (Halsema 3/23)
17700 E GERMANY RBI; 2045 FR Nx & cmntry (Zilmer 3/24)

17705 CHINA R Peking; 0210 CH Talk fair (Kunz 3/22)
17705 INDIA AIR; *0330 HD, IS into film music, then news, weak (Novello)
17710 PHILIPPINES R Ver; 0030-0100 EG, Pop Mx, "Our Daily Bread" (Boomer); 0300-0330 EG, Nx, "Window to the World" (Clifford 1/26)
17715nf LEBANON RL; *2330 SP, AR, PT, Pxs to 0059* ex 17710 (Behr 3/11)
17720 FRANCE RFI; 1703 EG, Mx, "Paris Calling Africa" (Abbey 3/18)
17720 TAIWAN VOFC; 0400 CH, ID, Tk by M & W, CH Mx (Bryan 3/26)
17720 USSR R Kiev; 0317,0330 EG, ID, "DX Club" (Johns 3/17, Kunz 3/15)
17740 BELGIUM BRT; 1640-1753 EG, IS, "Brussels Calling" (3-Reporters); 0615 DT, IS to 0630 into Class Music, good (Johnson 3/24)
17745 BELGIUM BRT; 1610-1700 EG, "Brussels Calling Africa"//21475, 17740 is listed but not heard. (Zilmer 4/7, Dieckmann 4/6)(which is it?-ed.)
17750 CUBA RHC; 1522-1527 SP, Fidel visits a factory. (Halsema 3/30); 2100 2130 EG, "Spotlight on Latin America", Nx, cmntry (Fraser-Ma 3/26)
17755 NORWAY RN; 1600+/1800+ EG/NO, ID, IS, "Norway This Week" (4-Rep)
17770 AUSTRIA ORF; 0425, Blue Danube IS, To SEA/AUST. (why this freq? Rubin) (Its scheduled that way in WRTH- ed.)
17775 UK BBC 1720-1745 EG, "This Week in Africa" (Kellt 4/7)
17780 SINGAPORE BBC; 1100 EG news about Britain (Zilmer 3/27)
17780 S AFRICA RSA; 2030+/1600+ EG, Usual programs (4-Reporters)
17785 USA WYFR; 1540 EG, "Quiet Moments" (Swanson 3/4)
17795 AUSTRALIA RA; 0335-0456 EG, ID, cmntry, Good Pxs (3-Reporters)
17795 ITALY RAI; *0351 EG World Nx, QRM-R Aust. (Kunz 3/15)
17795 NORWAY RN:; *2200-2230* EG, "Norway this Week" //11859,15175(Gregory)
17800 AUSTRALIA RA; 0330 EG, Mudic (Simaschko 2/10)
17800 CHILE VOC; 0208-0230 EG, Cmntry on Chile (3-Reporters)
17805 USSR RM; 0410 EG, Cmntry on cargo ships & trade production. (Bryan)
17810 HOLLAND R Neth; 2205-2240 EG, WNx, Tk on 3-mile Nuc plant. (Hoffman)
17810 MADAGASCAR R Neth; 0530-0545 FR, ID, Variety Music Px (Jordan-Pa 3/23)
17820 CANADA RCI; 152501600 FR/ PL/ UK, all talk (Halsema 3/30)
17825 JAPAN RJ; *2345-0215 EG, Nx, cmntry, Current events (Fraser, Halsema)
17825 USSR RMWS; 0421-0545 EG, ID, "DX Program" Cmntry (Bryan, Kissane)
17830 ANTIGUA BBCWS; 1955-2102 EG, IS, ID, into WS (Halsema, Underdown)
17830 GREECE VOG; 1216+/1515+ EG, ID, Nx, Folk Mx, QRM-SRI (4Reporters)
17830 PAKISTAN RP; 0230-0245* EG, Slow speed Nx, //21590 (4-Reporters)
17830 SWITZERLAND SRI; 1100 EG News (Zilmer 3/23)
17840 USA VOA-Dixon; 0150-0205 URDU/HD, News (Halsema 3/25)
17840 VATICAN VR; 1115-1130 EG, Tk on Michelangelo & St. Peters (Zilmer 3/23
17845 PAKISTAN RP; 0400-0430* FS, FIlm songs, Persian svc. (SHah 3/24)
17845 USA WYFR; 1745-1800 EG to Europe (Halsema 3/30)
17855 CUBA RHC; 2130-2138 EG, ID, Talks, Freqs (Cucura 3/17)
17855 GUAM TWR; 0005 EG Religious Px (Wirrell-Mass 3/25)
17860 FRANCE RFI; *1700-1755* EG, "Paris Calling Africa" (4-Reporters)
17870 W GERMANY VOA-Munich; 1920 EG, "Week at UN" (Klein 3/9)
17870 USSR RM/Kiev; 0030-0050/0445 EG, ID, Cmntry, UK Mx, (Cucura, Woltman)
17875 CANADA RCI; 1905-15/2130-2200 EG, Nx, Wx, Spts (Calzaretta, Hoffman)
17875 W GERMANY DW; 1200 EG Nx & cmntry //21600 (Zilmer 3/25)
17880 E GERMANY RBI; 1535 EG, ID, News (Wilkinson 3/24)
17890 TAIWAN VOFC; 0300-0348 EG Nx & cmntry (Clifford 1/21)
17890 ECUADOR HCJB; 1530 EG, "Sunday Morning Sermon" (Swanson 3/4)
17900 VATICAN VR; 1515+/1700+ EG, ID, REligious Pxs (3-Reporters)
18030 USSR Mayak; 2200, Heard this while looking for R. Eco 3rd harm of 18029 as reported by Jay Novello. Prob a harm? (Hauser 3/13)
19000 USSR R Magadan; 2200-2230 RS, IDs, Mx, Discussion, (Jordan-Pa 4/2)
19410 ALGERIA RTVA(tent); 2240 FR, Mx & Tk, Het. //9705 (Hauser 3/31)
19530 ANTIGUA BBC; 2235 PT, 2x9765 w/ suppressed audio //29295 (Hauser 3/31)
21460 BELGIUM BRT; 1645-1702 FR, IS, News (Halsema 3/24)
21460nf ECUADOR HCJB; 2000 EG, "DX Partyline", anncd // 17885,15295. Noted return to 21480 on 3/19. (Underdown 3/10)
21465nf ISRAEL IBA; 1530/1600 YD/RS/FS, To Eur. (Behr 3/18, Zilmer 3/24)
21470 UK BBCWS 1643-1709 EG, World & Sports News (Halsema 3/24)
21475 AUSTRIA ORF; 0600 GM, //21555 both good. (Behr 3/6); (sch as 21470-ed)
21475 BELGIUM BRT; 1325-29/1610-1700 EG, "Brussels Calling"(Earhart, Zilmer)
21475 FINLAND FIR; 1430-1455 EG, "Letterbox" (Earhart 3/18); Moved here from 21485 to avoid QRM-Pak. Now between BBC & RN (Hauser-TN)
21480 NETHERLANDS R Neth; 1329-1425 DT, ID, IS. Tk (Earhart3/24, Halsema); 0930 IN, IDs, Indonesian svc. (Underdown 3/18)
21485nf PAKISTAN RP; *1212/1330 Lang.IS, ID into Urdu Px (Behr 3/20, Zilmer)
21485 VATICAN VR; 1200-1215 EG, Religious Nx (Zilmer 3/23)
21490 USSR RMWS; 1200 EG, News, "Panorama" //21530 (Zilmer 3/18)

21525 AUSTRALIA RA; 0506 FR, ID, World Nx, QRM-Pulser (Bryan 3/25)
21525 FINLAND FIR; 1128 EG ID into FN Px to Eur. (Zilmer 3/16)
21525 USA WYFR; 1900-1935 EG, "Open Forum", "Mailbag" (Kelly 4/7)
21530 AUSTRIA ORF; *1230-1255* EG, Usual Programs (3-Reporters)
21530 USSR RMWS; 1230-1300 EG, Pop, Class, Rock Mx //21490 (Fraser 3/3)
21535 S AFRICA RSA; 1638-1708 AK, Rock & Folk Mx (Halsema 3/24); 2115 EG, Cmntry & Talk (Prath 3/25)
21540 JAPAN NHK; 0200 EG, M w/ Nx into SP Px (Johns-TN 3/10)
21540 USA VOA Greenville; 1425-1433 Uzbek, Mx, Features //15120,15205,15235 17820, 17855, 18275(USB), 19261(LSB),19505(LSB) (Halsema 3.30)
21545 KUWAIT RK; 0515-0600 EG, ID, Nx, EKMx, (Behr 3/5, Lorz 3/18)
21555 ITALY RAI 1830+/0515+ IT, "Panorama Italiana"; IDs, News (3Reporters)
21555 SWEDEN RS; 1525-1530 SW, "Home Service" (Earhart 3/31)
21560 W GERMANY DW; 1634-1638 GM, ???? Poor (Halsema 3/24)
21565 ISRAEL IBA; 1530-1638 RS/YD, Tk & Mx to Eur. (Halsema 3/30, Zilmer)
21570 SWITZERLAND SRI; 1335-1345 EG, Tk on bdcsting, Wx, Record "Long .ive SW" (Earhart 3/24); *1530 EG Nx w/ ecco (Simaschko 2/11); *1600 GM, M & W w/ News (Johns-TN 3/10, Halsema 3/25)
21580 FRANCE RFI; *1705-1755* EG, "Paris Calling Africa" (4-Reporters)
21590 ASCENSION ISL BBC; *1500 EG, World Nx to E. Africa (Zilmer 3/18)
21595 FRANCE RFI; 1435-1504 FR, News & Discussion (Halsema 3/30)
21610 JAPAN RJ; 0630-0700 SW/ IT/ GM/ to Eur. (Behr 3/13)
21610 PHILIPPINES VOA; 161201616 EG, Book review. (Halsema 3.25)
21615 USA WYFR; 1845-1850 EG Religious Px (Arzt 3/18)
21615 USSR RMWS; 1610 EG Px to W Africa (Halsema 3/24)
21620 FRANCE RFI; *1705-1755* EG, "paris Calling Africa" (Cucura 3/7)
21630 UK BBC 1606-1618 AR, News (Halsema 3/24)
21640 JAPAN RJ; 0145-0230 EG, News & Music (4-Reporters)
21655 GREECE VOG; 1216 EG, IS into News (Zilmer 3/23, Cucura 3/16)
21655nf PAKISTAN RP; 1100-1115 EG, IS, ID, News (Zilmer 3/23, Behr 3/31)
21670 PHILIPPINES AFRTS; 1230 EG, News //15330 (Zilmer 3/31)
21675 AUSTRALIA RA; 0258 EG, Sched. & freqs into News (Kunz 3/15)
21680 AUSTRALIA RA; 0535 EG, ID, Aust Rock Mx (Bryan 3/25)
21685 KUWAIT RK; 1450 AR, Chanting, Mx, QRM (Prath 3/25)
21685 MADAGASCAR R Neth; ??? DT to Africa, Talk & some Mx (Brookwell 3/16)
21705 FRANCE RFI; 1550 FR, Children & Male Emcee, good (Halsema)
21730 NORWAY RN; 1400-1430 EG, ID, Nx, "North Sea Oil" (Williams 4/8)
21715 AUSTRIA ORF; *1230-1255* EG, "Weekend Review" //21530 (Fraser 3/10)
21725 PAKISTAN RP; 1300-1315* Lang, Talk & Music (Zilmer 4/7)
21735 MOROCCO RTVM; 2200/2357 AR?, Unintelligible ID, Mx (Behr 3/18, PoppiN)
24241 CUBA RHC; 0025-0037 SP, Talk, News, Music (Underdown 3/5)
25128 UNID Numbers Station; "Guess who else is using 11mb now? (Underdown)
25650nf HOLLAND R Neth; 0730 DT program, //21480 weak (Behr 3.31)
25790 S AFRICA RSA; 1345/1450/1530 EG, The usual Pxs, (3-Reporters)
25620nf USA AFRTS; 0130 EG, News, Discussion of Peace treaty (Reynolds 3/17)
25640 ISRAEL IBA; 1225+/1430 EG/ FR/ RS, News, Adds (Behr 3/10, Earhart)
25690 UNID R Liberty; 1600-1740 RS, ID, News, Jammed, First RL Here(Higgins
25800nf FRANCE RFI; 1215-1235 FR, ???? (Underdown 3/14)
25880 USA VOA; 1630 Lang (African), Voa theme Mx (Underdown 3/11)
25990 USA VOA; 0100/0310 EG, News,"Breakfast Show"; etc (Kunz 3/15, Reynolds)
26040 USA VOA; 1900+ EG, News, "Voices from Africa" (Higgins 3.31)
29115 ALGERIA RTVA(tent); 1808, 3x9705, Music, weak, //19410 (Hauser 3/31)
29295 ANTIGUA BBC; 2222 PT, 3x9765, suppressed audio, //19530 (Hauser 3/31)
29704 ISRAEL IBA; 1415-1609 YD, This fundamental freq quite good, reactivated to escape jamming on lower freqs. (Hauser 3/31)
29775 USA VOA; 1355 EG, 5x5955, Springtime Px, California site? (Hauser 3/31
30250 PORTUGAL RP; 1550 PT, 2x15125, First harm. on band. (Hauser 3/31)
30340 PORTUGAL RP; 1552 XXX 2x15170, ROck Mx, //15170 (Hauser 3/31)
30390 ASCENSION ISL VOA; 1220 SP, 2x15195, Better than fund. (Hauser 3.30)
30580 SPAIN REE; 1605 SP, 2x15290, (15290 jammed) (Hauser 3/31)
30750 USSR RM; 1330 XXX, ID in Lang, only harm on band (Hauser 3/9)
30800 ASCENSION ISL BBC; 1458 EG, 2x15400, Atlantic relay Sta.(Hauser 3/31)

* *

A lot of action on the higher freqs this month . Sorry for 25650 & 25790 being out of sequence, but about this time I get awfully tired & things do go wrong. I recieved quite a few loggings which were out of date (Jan & Feb) Please try to keep them current. Dave Walcutt's deadline is the 12th of each month, try to get them to him early. Remember he has a big job to sort all of the hundreds of loggings to send them to each of the LR editors.

Many thanks to all of you who contributed this month.

73s until June,

"Bob"

FRENDX GREDITS

LOG REPORTS

Please address Log Reports to:
David L. Walcutt,
1521 Rutland #7,
Houston, TX 77008

Deadline is the 12th of each month.

Carol & David G. ABBEY, Regina, Sask. (DX-160); Brian ALEXANDER, Mechanicsburg, PA (RF-2800/DX-160); Ernie BEHR, Kenora, Ont. (SPR-4); Bruce BOOMER, Nutter Fort, WV (HQ-180A); Larry BROOKWELL, San Diego, CA (Dymek DR-55/DX-300); Josephine I. BRYAN, Stockton, CA (FRG-7000).

Michael J. CALDERWOOD, Denver, CO (FRG-7); Dan CALZARETTA, Oak Park, IL; Gerald L. CLARK, Lafayette, IN (DX-160); James C. CLIFFORD, Tacoma, WA (FRG-7); Vladimir CUCURA Jr., Reading, PA (FRG-7/RF-2800/DX-160); Larry CUNNINGHAM, Columbus, OH (DX-300); Don DICKEY, Minneapolis, MN; Mike DIECKMANN, St. Louis, MO (DX-160 w/24 m. horizontal).

Kenneth A. EARHART, Allentown, PA (FRG-7); Marlin A. FIELD, Hillsdale, MI; J. FINDLATER, Univerdal City, CA (FRG-7000); Robert FRASER, Cohasset, MA (XCR-30); Clifton GOLDMAN, Houston, TX (RF-4800) -- I'd enjoy meeting you, give me a ring sometime at 862-4909!-DLW; Robert A. GOSS, Houston, TX (DX-160) -- Greetings, Bob!-DLW; Richard GREGORY, Erie, PA; Pete GRENIER, Sierra Madre, CA (FRG-7/RF-2200).

James J. HALSEMA, Washington, DC (ICF-6700W w/ SW-7 ant.); Glenn HAUSER, Knoxville, TN; and DOM. REP. (FRG-7/HQ-160/ICF-5900W); Baxter W. HENSLEY, El Paso, TX; Earl HIGGINS, Riverside, IL (DX-160); Emmett J. HOFFMANN, St. Louis, MO (51S-1/R-1530); Ron HOWARD, Santa Barbara, CA (SB-310 with "Joystick" vertical; also HQ-180A); Aaron HYWARREN, Winnipeg, Man. (ICF-5900W)-- Greetings; still using the Marconi?-DLW; Leonard INSALACO, West Pittston, PA (DX-160); Kenny R. JOHNS, Jackson, TN (SX-190/FRG-7); Douglas W. JOHNSON, Issaquah, WA -- Looking forward to hearing from your son, too, before very long!-DLW; Jack R. JONES, Jackson, MS -- Hope you live on high ground, away from the flood...DLW; Paul R. JORDAN, Houston, TX (SX-190); Rufus JORDAN, Pittsburg, PA (Zenith Transoceanic).

Dennis KELLY, Kansas City, MO (DX-160); W.J. KISSANE, Chula Vista, CA (DX-160); Stu KLEIN, Gainesville, FL (DX-160 w/120 m. helically-wound dipole); Mick KOELBLE, Canton, OH; Terry L. KRUEGER, Inc., Casselberry, FL (QR-666/NC-183 with 80 & 65 ft longwires).

Michael LEV, Upper Saddle River, NJ; Lawrence C. LORZ, Hilton, NY (SPR-4/FRG-7 with 90 ft. wire); Scot McCLELLAN, Battle Creek, MI (Sont TFM-8000W); Jay NOVELLO, Endwell, NY (RF-2800/XCR-30); Bob OTTAWAY, Denver, CO.

George POPPIN, San Francsico, CA (FRG-7 with 116 ft dipole system); John V. PRATH, Ft. Lauderdale, FL (FRG-7000/FRG-7/DX-160); Robert RANKIN, Lawrence, KS (R-4B w/multiple dipoles); Bill REYNOLDS, Amherst, NY (SW-4A/DX-40 wuth DA-100); Joel M. RUBIN, Berkeley, CA (DX-160).

Brett D. SAYLOR, Altoona, PA (DX-160 with two 20 m. longwires, N-S & E-W); Dayna F. SHAH, Arlington, VA (RF-4900); Richard D. SWANSON, Wellman, IO (DX-160); Leon TANNENWALD, Brooklyn, NY (SPR-4).

Bob UNDERDOWN, Siloam Springs, AR (ICF-5900W); Dave VALKO, Dunlo, PA (DX-160); John WAITE, Winter Park, FL (RF-2200); Kelvin L. WATTS, N.S.W., AUSTRALIA (FRG-7); George WILKINSON, Winnipeg, Man. (FRG-7/RF-2800); John D. WILLIAMS, Bloomington, MN (R-4C/FRG-7/HQ-129X); Robert WIRRELL, Brocton, MA (FRG-7); Frank WOLTMAN, Cambridge, WI (RF-4800/FRG-7); Robert A. YAJKO, Leechburg, PA (SPR-4/RF-2800); Robert R. ZILMER, Milwaukee, WI (R-390A/SPR-4).

A rather large number of late reports were received and are not included. In a couple of cases judging by the postmark they should have made it here on time so the postal system is to blame. But many others are dated only one or two days before the deadline and arrived a day or so late. Obviously many of you are placing too much faith in the efficiency of the PO. My advice would be to allow five full days for delivery, from all points. I am typing this page at 0330 GMT April 17 but forwarded loggings to the appropriate editors on April 13. Late reports credited following month!

NASWA ABBREVIATIONS

The following abbreviations are the ones most often used, especially by the Log Report editors. Though it might be desirable to spell out words rather than to abbreviate, the use of abbreviations permits the inclusion of more items in the space available. When reporting, you can also use the same abbreviations, but feel free to write out anything that might be ambiguous. All the times used in FRENDX, except where otherwise indicated, are in the 24-hour GMT (Greenwich Mean Time) system.

a	approximate
ARO	Amateur Radio Operator (ham)
BBC MS	BBC Monitoring Service
BBC WS	BBC World Service
class mx	classical music
cmntry	commentary
CW	continuous wave
DJ	disc jockey
EIR	East is Red
EL, EZ	easy listening music
FBIS	Foreign Broadcast Information Service
f/in	fade in
f/out	fade out
freq, fqy	frequency
fund	fundamental
h, harm	harmonic
het	heterodyne
HS	Home Service
ID	identification
Int	Internationale
IS	interval signal, identification signal
ITU	International Telecommunication Union
lang	unknown language
lbx	letterbox, mailbag
LL	language lesson
LN	"Listeners Notebook"
LR	"Log Report", FRENDX
lvl	level
lcl	local
M	man
mod	modulation
MOR	middle of the road mx
mx	music
NA	National Anthem (or North America)
NF, nf	new frequency
nx	news
pgm	program
QRK	Readability
QRM	Interference
QRN	Noise (static)
QSA	Signal strength
QSB	Fading
QTH	Geographical location
relig, rel	religious
rev	revolutionary
RF, rf	reactivated frequency
s/b	should be
SSB	single sideband (LSB = lower sideband, USB = upper sideband)
SWC	"Shortwave Center", FRENDX
svc	service
t	tentative
TC	time check
tlk, tk	talk
unid	unidentified
ute	utility station
v	varies (or very)
w/	with
W	woman
WS	BBC World Service
wx	weather
xmsn	transmission
xmtr	transmitter
//	parallel
*0000	s/on (sign on)
0000*	s/off (sign off)

Geography:

Afr, Af	Africa(n)
As	Asia(n)
CAm, CA	Central America(n)
ECNA	East Coast N. America
Eur	Europe(an)
FE	Far East
LAm, LA	Latin America(n)
NAm, NA	North America(n)
Pac	Pacific
SAm, SA	South America(n)
SEAs, SEA	South East Asia(n)
WCNA	West Coast North America

Languages:

AK	Afrikaans	EG	English	IN	Indonesian	RS	Russian
AL	Albanian	FS	Farsi	IT	Italian	SC	Serbo-Croatian
AR	Arabic	FN	Finnish	JP	Japanese	SP	Spanish
AM	Armenian	FR	French	KR	Korean	SH	Swahili
BG	Bulgarian	GM	German	LH	Lithuanian	SW	Swedish
CH	Chinese	GK	Greek	NO	Norwegian	TT	Tahitian
CZ	Czech	HB	Hebrew	PL	Polish	TK	Turkish
DN	Danish	HD	Hindi	PT	Portugese	UK	Ukrainian
DT	Dutch	HG	Hungarian	RM	Romanian	VT	Vietnamese

Reporting signal quality:

excellent = exc, e good = g fair = f poor = p

(SINPO and SIO codes are acceptable for reports, but in most cases editors will convert to the above format for publication purposes).

PUBLISHER'S PAGE

CONTEST WINNERS: The Interval Signal on the March cover was Radio Tahiti. The answer appears on page 254 of the WRTVH-79. Here are the lucky winners: 1. T. Warrenburg, Delavan, WI. 2. D. Sarrazin, Denver, CO. 3. S. Klein, Gainesville, FL. 4. P. Wala, Palo Alto, CA. 5. O. King, Urbana, IL. 6. B. Whitacre, Lansing, MI. 7. D. Prisco, Scranton, PA. 8. D. Taylor, Orlando, FL. 9. L. Saaf, Godfrey, IL. 10. J. Finlay, Heath, OH. 11. B. Baker, Stillman Valley, IL. 12. C. Ethan, Portland, OR. 13. R. Deroy, Berwick, ME. 14. D. Twiggs, Bristol, CT. 15. D. Wilhite, Odessa, TX. 16. M. Bolitho, Toronto, ONT. 17. A. Thornton, Grand Bay, NB. 18. L. Lambard, Billings, MT. 19. M. Hartsell, Lompoc, CA. 20. S. Rambo, Shelbysville, TN.

Congratulations to all. This month's cover and last month's were again designed by Wesley Thompson.

HELPING HAND: For sale. Realistic DX-160 shipped in original carton with manual, $110.00. KS Pre-selector, $35.00. KS Calibrator, $20.00. All prices include shipping by UPS. Charley Hoffman, P.O. Box 321, Manheim, PA 17545.

HELPING HAND: For sale. Panasonic RF-4800 only 8 months old. In excellent well-kept condition. Selling to buy a new RF-4900. Price is $325.00 including shipping anywhere in the U.S. or Canada. Richard H. Miller, Jr., 4334 Wells Street, Weirton, WV 26062. Phone (304)-748-2632. No collects, please.

HELPING HAND: For sale. SPR-4, Ser. No. 412, with noise blanker, crystal calibrator and all SW crystals plus 4 extra. Factory checks have kept in top condition. Price $400.00 postpaid. Also, complete file of FRENDX since offset, March 1972 through 78. Price $50.00 postpaid. SPEEDX, 19 copies June 1977 through 1978. Price $10.00 postpaid. Al Sizer, 22 Country Way, North Haven, CT 06473. Phone 203-239-2491.

HELPING HAND: Michael J. Youndt, Box 264, R.D. #1, Denver PA 17517 requests information on any domestic Radio Club which features RTTY SWL'ing

HELPING HAND: For sale. Panasonic RF-2200 in excellent condition for $120. Mike Spear, 1013 S. 301 Street, Federal Way, WA 98003. Phone (206) 839-6137 from 2245 to 0030.

HELPING HAND: For sale. Drake SPR-4, 22 crystals, noise blanker, calibrator, AL-4 loop antenna, AC/DC powercord AND FS-4 synthesizer. Supercondition. $700 plus UPS. Rich Orloff, 109 Village Path, Lakewood, NJ 08701. Phone (201) 363-8061 till 0200 GMT.

HELPING HAND: Wanted. Back issues of "FRENDX" prior to May 1972. Also need Dec. 1974 and April and May 1975 issues. Please write with price and issues available. John C. Herkimer, 180 North Street, Caledonia, NY 14423.

HELPING HAND: For sale. Sony ICF-5900W receiver with broken whip antenna. $60. Alan Leary, 67 Eber Avenue, Akron, OH 44305. Phone (216) 376-2402.

HELPING HAND: For sale. Panasonic RF-2200 in mint condition, less than one year old, with operator's manual. $105 UPS paid. Wanted. Drake 2-A, 2-B or 2-C. Trading RF-2200 for, or toward Drake possible. Ben Radcliff, 740 Tomahawk Drive, Ottawa, IL 61350. Phone (815) 434-4383 between 0030-0400 GMT.

HELPING HAND: Wanted. R-4B, R-4C, SPR-4, HQ-180, RF-2800 or 2900, FRG-7 or 7000. Also MS-4 speaker, Autek QF-1 filter, KS preselector, MFJ or SST antenna tuner, Radio West MW loop antenna, 5-NB noise blanker for SPR-4, AL-4 loop antenna for SPR-4. Please write or call stating price and condition and age. Jim Uerlings, 3908 Kelly Drive, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0200 GMT. No collect calls, please.

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UPDATE: Besides FRENDX, NASWA also publishes UPDATE... a midmonth newsletter with the very latest DX news while it's still news. (UPDATE also appears in each issue of FRENDX). It is only available to NASWA members.

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